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U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

INSTRUCTIONS

FOR

PREPARING METEOROLOGICAL FORMS.

CLIMATOLOGICAL DIVISION.

WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1911.

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Amended: See Cir. Feb 1, 1912

1. METEOROLOGICAL FORMS, WHEN MAILED.—Forms No. 1001, No. 1015, No. 1017, No. 1028, No. 1065, No. 1068, No. 1072, No. 1073, No. 1074, No. 1075, and No. 1083, not later than the 4th; Form No. 1030, 1st, except when that date falls on Sunday it will be issued on the 2d; Forms No. 1002 and No. 1003, as soon as the correction letter for December Form 1001 is received.

2. When any form can not be mailed on the prescribed date, an explanation of the cause of delay will be forwarded to the Central Office on the day that it should have been mailed. When Sunday or a legal holiday occurs from the 1st to the 4th, inclusive, an extra day will be allowed for the forms required to be mailed on the 4th.

3. The barograph and thermograph traces, and Forms No. 1015, No. 1017, and No. 1028 will include the record for the last day of the month.

4. It is the policy of the Central Office not to surrender custody of any form that can not be duplicated, after it has been received. The official in charge is therefore enjoined to see to it that all data required are extracted before such forms are mailed.

5. In forwarding the above-named forms to the Central Office write on the lower left-hand corner of the envelope, "Forms for Climatological Division."

6. In preparing Forms No. 1001, No. 1015, No. 1017, No. 1028, No. 1083, and barograph and thermograph trace sheets for mailing, the sheets will be arranged chronologically and fastened together with a Dennison or similar paper fastener.

7. Errors will be charged as follows: (1) Each original correction made in the examination will be counted as one error, but supplementary errors resulting from the original entry will not be charged. (2) A failure to comply with any instructions will be counted as one error when it has been clearly shown that such instructions have been received at the station. (3) If an observer has been charged with an error for failure to comply with any instructions, and again fails to do so on forms for succeeding months, he will be charged with an error for each erroneous entry in the form caused by his disregard of the instructions in question. (4) Errors of omission will be counted in the same manner as errors of commission.

8. An original error made in taking, reducing, or recording an observation, or in transcribing data from Form No. 1083, will be charged equally between the person taking the observation and the one who checks the data (one-half to each).

9. Forecasters, section directors, and specially designated officials in charge may assign an assistant of ability and trustworthiness to be responsible for the accuracy of Form No. 1001 in so far as relates to all matters of copying, compiling, computing, etc., but in all questions of judgment where it is necessary to put a construction upon an order, ruling, etc., the matter will be decided by the official in charge.

10. Any assistant may be responsible for pages 4, 5, 6, and 7 of Form No. 1001, and Forms No. 1002 and No. 1003. This will give a careful assistant opportunity to make a record for accuracy, besides relieving the official in charge to some extent. The official in charge of the station, however, must continue to exercise general supervision over the meteorological work of his assistants, examining and checking it as frequently as may be necessary, and will be held jointly responsible with them for the general appearance and accuracy of all forms. He also will be held directly responsible for errors that can be detected by a cursory examination, and if the number of errors made at his station be unduly large, it will be considered evidence that he is not giving proper attention to this duty, and he will be censured conjointly with the assistant or assistants making the errors. Messengers and student assistants will not be held responsible for any meteorological form without special permission.

11. The assistant preparing Form No. 1001 under the provision of paragraph 9 will sign his name in the lower left-hand margin of page 9; those preparing pages 4, 5, 6, or 7 will sign on the lower left-hand margin of said pages.

12. Two persons will not sign as responsible for a page or form, except in case of sickness, absence, or relief from station, and then it will be stated for what portion each one is responsible.

13. An official relieved from charge of station or responsibility for forms will be held accountable for errors up to, but not including, the date of his relief. When so relieved he must plainly indicate on the forms the dates of his accountability.

14. Ditto marks (") will not be used in any form.

15. The station clock will be kept adjusted to the standard of time in local use.

16. All regular and special observations will be taken on 75th meridian time, but the standard of time in local use will also be entered.

17. All instrumental records will be kept on the standard of time in local use.

18. All data on pages 2 and 3 of Form No. 1001, except days with light and dense fog, and the corresponding data on page 9, and all data on page 10, will be recorded in 75th meridian time. All other data will be recorded in the standard of time in local use. Data on Forms No. 1014, No. 1030, and the notes on Form No. 1083 will be in the standard of time in local use.

FORM No. 4012, Mis.

19. Whenever an employee has reason to think that he has been wrongfully charged with errors, the correction letter will be returned at once, by indorsement, requesting a reexamination, and stating what error or errors should not, in his opinion, be charged, with his reasons therefor. The matter will receive prompt and careful consideration, and should it be found that errors have been improperly charged they will be removed. If the errors charged are accepted, the letter will invariably be signed by the person or persons whose names appear in the body of the letter and promptly returned. In case of absence of the employee who is responsible for the accuracy of the data, it will be signed by the official in charge and forwarded to the one to whom the error or errors have been charged, to be noted by him and returned to the Central Office. Employees are enjoined to see to it that all corrections indicated, and all resulting changes, are made in Forms No. 1001, No. 1002, No. 1014, and the Climatological Record. A press copy of the letter will be made and filed as a letter received.

FORM No. 1001.

20. This form will be kept clean, and all entries therein made in a neat, legible hand. The leaves should be separated for convenience in entering the data, but margins must not be trimmed.

21. Whenever, from any cause, an observation is not taken the reason therefor will be plainly written on the margin and a full report of the facts at once made to the Chief of the Weather Bureau.

22. If an observation has been taken late, it will be recorded in brackets with the exact time at which it was taken, and used in computing all means and averages the same as if taken on schedule time, unless the conditions have changed since the time for the observation, in which case the probable conditions at the proper time of observation will be determined from the recording instruments by interpolation. These interpolated values will be entered in red ink above the late readings and used in all means and deductions.

23. An observer may be occasionally prevented by legitimate causes from taking an observation on time, but in such a case the observation will be taken as soon as possible and recorded as of the time at which it was actually taken and disposed of as provided in paragraph 22, and a full report of the facts at once made to the Chief of the Weather Bureau. This report will always receive proper consideration.

24. An observer guilty of falsifying the records by reporting observations as taken at prescribed hours which were not actually so taken, or in any other manner whatsoever, will be summarily and severely dealt with, regardless of previous record or length of service.

25. All observations entered on Form No. 1083 will be immediately copied in the proper spaces in Form No. 1001. The observation must be enciphered from Form No. 1001. The retained record will contain pages 2, 3, 8 (except beginnings and endings of precipitation), 9, and 10, and it must be kept up to date. All footings on pages 4, 5, and 7 of Form No. 1001 that are required to be entered in Form No. 1002 will be copied in the retained Form No. 1002 before mailing Form No. 1001.

26. In order that the reports may be filed at the telegraph office not later than 8 o'clock, 75th meridian time, observations will be begun not to exceed twenty minutes before that hour.

27. Instruments will be read and conditions noted in the following order: (1) Clouds, (2) state of weather, (3) maximum and minimum thermometers, (4) dry and wet thermometers (and thermograph noted), (5) anemoscope, (6) rain gage (or snow gage), (7) register to anemometer, (8) attached thermometer to barometer, (9) barometer (and barograph noted).

28. All entries in this form must be made in black record ink except when otherwise directed. Red ink will not be used except in underscoring and when especially directed (see pars. 22, 59, 71, 93, and 226). If an error has been made in an original reading in Forms No. 1001 or No. 1083, an ink line will be drawn through the erroneous entry and the correct one placed immediately above the canceled reading in black ink.

29. Entries of direction of wind and clouds will be printed thus: N., NE., E., etc.

30. When crowded for room, notes will be put upon the margin.

31. Instructions relative to taking special observations are given in the Weather Code.

32. All meteorological observations taken will be checked, so far as possible, the following day by the employee responsible for their accuracy.

33. The day of the week on which the month begins will be entered on the left-hand margin of page 8, opposite the first date.

PRESSURE.

34. Actual Elevation.—The height of the zero points of the barometers of a station above sea level. The elevations of instruments will be entered to whole feet on *all meteorological forms*, except Form No. 1058, when these data are required.

35. Station Elevation.—The elevation above sea level adopted for a station at a basis to which all pressure observations at the station are correlated. The elevation on January 1, 1900, was adopted as the station elevation for each one in operation on that date. For stations opened subsequently, the elevation of the barometer at the time of opening of station will be adopted as the station elevation.

36. Removal Correction.—When an office is moved to new quarters and the elevation of the barometer is thereby changed, a proper correction will be applied to the barometric readings in the new location that will reduce the observed readings to the pressure appropriate to the "station elevation." This removal correction will be included in the sum of corrections, Form No. 1059, furnished by the Instrument Division.

37. Sum of Corrections.—A term embracing all the corrections that are practically constant for a given instrument and in a given

location, namely, the correction for scale errors, capillarity, gravity, and the removal correction. This sum is given on Form No. 1059, furnished for each instrument.

38. Total Correction.—The correction for temperature, plus the "sum of corrections" as defined above.

39. Observed Reading.—The direct result of the reading of an instrument, uncorrected for any errors.

40. The barometer should be read and recorded to the nearest thousandths of an inch, and the reading will be immediately entered on Form No. 1083 before the reductions are made.

41. Station Pressure.—Corrections for instrumental error, gravity, temperature, and removal, preceded by the proper algebraic signs, will be applied to the observed barometer readings. The correction for temperature will be obtained from the barometer correction cards, as follows: Find at the top of the card the observed height of the barometer, and in the column headed "Attached thermometer," the reading of the attached thermometer; the number at the intersection of these lines will be the correction to be applied. If the reading of the thermometer be less than 29° above zero, the correction will be added, and if 29° or more it will be subtracted. For barometer or attached thermometer readings not given in the table the temperature correction will be determined by interpolation. The sum of corrections for instrumental error, gravity, and removal will be applied to the correction for temperature before recording the latter. Example: Observed barometer reading, 29.512; attached thermometer, 62.0; sum of corrections, +.008. The temperature correction card gives a correction of −.089, to which add the sum of correction +.008= −.081 to be used and recorded in column headed "Total correction."

42. If the position of the barometer be changed and the elevation increased, .001 inch will be added to the sum of corrections for each foot of increase; if the elevation be decreased, .001 will be subtracted for each foot of decrease. These corrections will be applied pending the receipt of new correction cards.

43. Reduced Pressure.—The reduced barometer will be taken directly from the special table supplied to each station and will be entered to hundredths only. The temperature argument, at stations making two observations daily, will be the mean of the current temperature and that at the preceding regular observation; at stations making but one observation daily it will be the mean of the maximum and minimum tempertures as read at the time of observation. The pressure argument will be the station pressure to hundredths of an inch only (the third decimal being disposed of according to rule). Enter the table with the arguments as above described and find the point where the argument lines intersect; the value there given will be the reduced pressure. It will be necessary to interpolate for the hundredths when the station pressure falls between the tenths of an inch as given at the top of the table. No interpolation will be required for temperature argument if the table be extended so that for each temperature entered there is a difference of only one hundredth in the table. The temperature argument for a special observation will be the mean of that and the preceding regular observation.

44. 3,500 and 10,000 foot planes: The temperature and pressure arguments will be the same as for the sea-level pressure, and the pressure for these planes will be obtained from the tables furnished for said elevations in the same manner as the sea-level pressure and the data will be entered to hundredths of an inch only.

TEMPERATURE.

45. All thermometers must be read and the readings recorded to the nearest tenth of a degree, except the attached thermometer, which will be read and recorded to the nearest half degree.

46. The dry-thermometer readings will be reduced to the various planes by applying the corrections in the table furnished for reducing the "monthly temperature" to these planes.

47. Instrumental corrections will not be applied to thermometer readings except when they are ± 0.3 or more in the case of mercurial thermometers, and ± 0.5 or more in the case of minimum or alcohol thermometers, or at temperatures of 42° or lower; and when the wet thermometer reads higher than the dry, then all corrections will be applied to the readings of the dry and wet bulb thermometers. The corrections furnished are for each 10°, and will be applied algebraically to the scale readings of the thermometers before recording the same. For a scale reading between those for which corrections are given, an interpolated value of the correction will be used. Example: For a reading of 62.0° the correction is −0.5°. The true temperature is, therefore, 62.0°−0.5°=61.5°. For a reading of −8.0° the correction is −1.2°, the true temperature is −8.0°−1.2°= −9.2°. For a reading of −28.0° the correction is +7.8°, the true temperature is −28.0°+7.8°= −20.2°. The corrections of thermometers are given on the cards only as low as actual comparisons have been made with substandards. If it should happen that a reading of a thermometer is obtained at a point lower than any for which its corrections are given, then the corrections will be determined by continuing the same ratio of increase or decrease as between the last 30° for which the corrections are given. Example: The correction at +2° is −0.6°, and at −28.0° is −2°. The change of correction between +2° and −28° is −1.4°. For 7° it is about −0.3°. For a scale reading of −35.0°, which is 7° below −28.0°, the correction is −2.3°, and the true temperature is −35.0°−2.3° =−37.3°. When the signs of the temperature and correction are the same, add; when different, subtract.

48. The maximum and minimum thermometers will be set both at the a. m. and p. m. regular observations. They will not be set when taking special observations.

49. Observers should always note whether there is agreement in the temperature values given by the several thermometers; that is to say, (1) the top of the alcohol column of the minimum should indicate the same or nearly the same temperature as shown by the dry thermometer; (2) the minimum thermometer reading should be as low as, or lower than, the dry thermometer at the current and preceding observations; (3) the maximum thermometer reading should be as high as, or higher than, the dry thermometer at the current and preceding observations. Readings contrary to the above rules, if the instruments are properly set and read, are abnormal, and steps will be taken at once to discover and remove the cause or replace the instrument if defective. Small differences, however, amounting in some cases to nearly or quite a degree, will occasionally be found to occur. On such occasions the exact readings must be recorded, with an explanatory note.

50. The wet thermometer should always be kept in proper condition, the bulb and muslin cover clean and carefully moistened preceding each observation. In damp, foggy weather it may sometimes read higher than the dry thermometer after all instrumental corrections have been applied, in which case enter the corrected reading of the instrument but inclose it in brackets, and enter the corrected reading of the dry thermometer above it and use the latter in obtaining the footings; record the reading of the dry bulb as the temperature of the dew-point, and the relative humidity as 100 per cent, with an explanatory note on the margin.

51. When the temperature of the air is below that at which mercury freezes, the temperature as indicated at the top of the alcohol column of the minimum thermometer will be entered as the readings of the dry and wet-bulb thermometers, and also as that of the dew-point, and the relative humidity will be recorded as 100 per cent.

During the prevalence of low temperature, but above the freezing point of mercury, the wet-bulb covering should be saturated a few minutes before beginning the observation; and whenever, after diligent effort, it is found impossible to cause the wet thermometer to read as low as, or lower than, the dry thermometer after applying all corrections—any incidental moisture on the dry bulb being removed—the reading of the wet thermometer will be recorded as corrected and inclosed in brackets, and the reading of the dry thermometer entered above it and used in obtaining sums and means. The dry-thermometer reading will be recorded as the temperature of the dew-point, and the relative humidity as 100 per cent. Explanatory notes should indicate when these conditions occur.

52. The dew-point, relative humidity, and vapor pressure will be obtained in accordance with the tables furnished; the dew-point will be entered to the nearest whole degree, the relative humidity to the nearest whole per cent, and the vapor pressure to the nearest thousandths of an inch.

53. All daily temperature values on page 8 will be entered in whole degrees only, the tenths of degrees being disposed of according to rule.

54. At stations having a thermograph, the maximum and minimum temperatures on page 8 will be taken from the maximum and minimum thermometer readings on pages 2 and 3 (see paragraphs 55 and 56), except when the true maximum or minimum for the day, midnight to midnight, can not thus be obtained, in which event it will be obtained from the corrected thermograph trace (see paragraph 224). At stations not having a thermograph the maximum and minimum will be obtained in accordance with paragraphs 55 and 56.

55. The maximum temperature for the day will be taken from the p. m. observation, except under the following conditions: (1) The maximum temperature recorded at the a. m. observation of the next day will be used when it is higher than the maximum at the p. m. observation and is believed to have occurred before midnight; (2) the maximum temperature recorded at the preceding a. m. observation will be used when it is believed to have occurred after midnight and is higher than any temperature recorded after the a. m. observation of that day. The maximum of any day must be as high as the minimum of the preceding day.

56. The minimum temperature for the day will be taken from the a. m. observation, except under the following conditions: (1) When a lower minimum is recorded at the p. m. observation, it will be used; (2) when the minimum recorded at the following a. m. observation is lower than that recorded during the preceding day, and is believed to have occurred before midnight, it will be used; (3) when the minimum recorded at the a. m. observation of the current day is believed to have occurred before midnight the minimum temperature for the day will be taken from the p. m. observation, unless example (2) requires it to be taken from the following a. m. observation. The range is the difference between the maximum and minimum.

57. The mean (max. and min.) temperature for the day is the sum of the maximum and minimum (as recorded on page 8) divided by 2, and will be recorded to whole degrees only, the tenths being disposed of according to rule. This mean will be used on all forms and reports as the daily mean temperature.

58. The change of temperature is the difference between the mean temperature of the previous and that of the current day.

59. Hourly Readings.—At stations designated by the Central Office the hourly readings of the thermograph, at the exact hour, after being corrected for instrumental error in accordance with instructions, will be entered in black ink on page 5 in whole numbers. The readings at 8 a. m. and 8 p. m., 75th meridian time, and at all other hours at which eye readings are made of the dry thermometer, when they correspond to an exact hour, standard of time in local use, will be entered in the proper hours, and in the same hour column will be written, in red ink, with its appropriate sign, the correction for the self-registering instrument (see paragraphs 217 and 222–227). All eye readings at hours other than 8 a. m. and 8 p. m., 75th meridian time, will be underscored in red ink. When the standard of time in local use is not 75th, 90th, 105th, or 120th meridian time the 8 a. m. and 8 p. m. readings, 75th meridian time, will not be entered, but the corrections at these hours will be entered at the nearest hour, standard of time in local use, and the correction will be applied as usual.

60. In case the register fails to record for a portion of the day the missing data should be supplied by interpolation; the data thus obtained will be connected by an asterisk to an explanatory note on the margin of the form.

61. Only data for whole days will be used in obtaining sums and means.

62. Footings.—The sums and means will be determined from the data entered in accordance with the foregoing instructions; the means being recorded to tenths.

63. Average Hourly Reading.—The mean of the column headed "Sum" will be obtained by dividing the total sum by the number of hours in the month.

64. Page 4 will be prepared at all stations where an automatic record of sunshine is made, except at those that have been authorized not to do so. The character of the day and average cloudiness will be entered at all stations.

65. The actual time sunshine was recorded during each hour will be entered to the nearest tenth of an hour in the appropriate columns under heading "Sunshine recorded during hours ending" (4 a. m. to 9 p. m., standard of time in local use).

66. The photographic record of sunshine obtained on the sensitized charts is recorded on solar time, which differs from local time by a variable amount, as shown in fig. 3, Circular G, Instrument Division. If the time error amounts to a tenth of an hour or more it must be elimi-

The following is an addition to paragraph 83, Instructions for Preparing Meteorological Forms:

The extreme velocity will be obtained by dividing 60 by the time (in minutes and fraction thereof) required in recording the shortest mile of wind, midnight to midnight, as shown on the wind sheets. This value will be entered daily on the right hand margin of page 7 of Form No. 1001, and immediately below the "Maximum velocity" on Form No. 1014. The heading "Extreme velocity" will precede the data on both forms.

50. The wet thermometer should always be kept in proper condition, the bulb and muslin cover clean and carefully moistened preceding each observation. In damp, foggy weather it may sometimes read higher than the dry thermometer after all instrumental corrections have been applied, in which case enter the corrected reading of the instrument but inclose it in brackets, and enter the corrected reading of the dry thermometer above it and use the latter in obtaining the footings; record the reading of the dry bulb as the temperature of the dew-point, and the relative humidity as 100 per cent, with an explanatory note on the margin.

51. When the temperature of the air is below that at which mercury freezes, the temperature as indicated at the top of the alcohol column of the minimum thermometer will be entered as the readings of the dry and wet-bulb thermometers, and also as that of the dew-point, and the relative humidity will be recorded as 100 per cent.

During the prevalence of low temperature, but above the freezing point of mercury, the wet-bulb covering should be saturated a few minutes before beginning the observation; and whenever, after diligent effort, it is found impossible to cause the wet thermometer to read as low as, or lower than, the dry thermometer after applying all corrections—any incidental moisture on the dry bulb being removed—the reading of the wet thermometer will be recorded as corrected and inclosed in brackets, and the reading of the dry thermometer entered above it and used in obtaining sums and means. The dry-thermometer reading will be recorded as the temperature of the dew-point, and the relative humidity as 100 per cent. Explanatory notes should indicate when these conditions occur.

52. The dew-point, relative humidity, and vapor pressure will be obtained in accordance with the tables furnished; the dew-point will be entered to the nearest whole degree, the relative humidity to the nearest whole per cent, and the vapor pressure to the nearest thousandths of an inch.

53. All daily temperature values on page 8 will be entered in whole degrees only, the tenths of degrees being disposed of according to rule.

54. At stations having a thermograph, the maximum and minimum temperatures on page 8 will be taken from the maximum and minimum thermometer readings on pages 2 and 3 (see paragraphs 55 and 56), except when the true maximum or minimum for the day, midnight to midnight, can not thus be obtained, in which event it will be obtained from the corrected thermograph trace (see paragraph 224). At stations not having a thermograph the maximum and minimum will be obtained in accordance with paragraphs 55 and 56.

55. The maximum temperature for the day will be taken from the p. m. observation, except under the following conditions: (1) The maximum temperature recorded at the a. m. observation of the next day will be used when it is higher than the maximum at the p. m. observation and is believed to have occurred before midnight; (2) the maximum temperature recorded at the preceding a. m. observation will be used when it is believed to have occurred after midnight and is higher than any temperature recorded after the a. m. observation of that day. The maximum of any day must be as high as the minimum of the preceding day.

56. The minimum temperature for the day will be taken from the a. m. observation, except under the following conditions: (1) When a lower minimum is recorded at the p. m. observation, it will be used; (2) when the minimum recorded at the following a. m. observation is lower than that recorded during the preceding day, and is believed to have occurred before midnight, it will be used; (3) when the minimum recorded at the a. m. observation of the current day is believed to have occurred before midnight the minimum temperature for the day will be taken from the p. m. observation, unless example (2) requires it to be taken from the following a. m. observation. The range is the difference between the maximum and minimum.

57. The mean (max. and min.) temperature for the day is the sum of the maximum and minimum (as recorded on page 8) divided by 2, and will be recorded to whole degrees only, the tenths being disposed of according to rule. This mean will be used on all forms and reports as the daily mean temperature.

58. The change of temperature is the difference between the mean temperature of the previous and that of the current day.

59. Hourly Readings.—At stations designated by the Central Office the hourly readings of the thermograph, at the exact hour, after being corrected for instrumental error in accordance with instructions, will be entered in black ink on page 5 in whole numbers. The readings at 8 a. m. and 8 p. m., 75th meridian time, and at all other hours at which eye readings are made of the dry thermometer, when they correspond to an exact hour, standard of time in local use, will be entered in the proper hours, and in the same hour column will be written, in red ink, with its appropriate sign, the correction for the self-registering instrument (see paragraphs 217 and 222–227). All eye readings at hours other than 8 a. m. and 8 p. m., 75th meridian time, will be underscored in red ink. When the standard of time in local use is not 75th, 90th, 105th, or 120th meridian time the 8 a. m. and 8 p. m. readings, 75th meridian time, will not be entered, but the corrections at these hours will be entered at the nearest hour, standard of time in local use, and the correction will be applied as usual.

60. In case the register fails to record for a portion of the day the missing data should be supplied by interpolation; the data thus obtained will be connected by an asterisk to an explanatory note on the margin of the form.

61. Only data for whole days will be used in obtaining sums and means.

62. Footings.—The sums and means will be determined from the data entered in accordance with the foregoing instructions; the means being recorded to tenths.

63. Average Hourly Reading.—The mean of the column headed "Sum" will be obtained by dividing the total sum by the number of hours in the month.

64. Page 4 will be prepared at all stations where an automatic record of sunshine is made, except at those that have been authorized not to do so. The character of the day and average cloudiness will be entered at all stations.

65. The actual time sunshine was recorded during each hour will be entered to the nearest tenth of an hour in the appropriate columns under heading "Sunshine recorded during hours ending" (4 a. m. to 9 p. m., standard of time in local use).

66. The photographic record of sunshine obtained on the sensitized charts is recorded on solar time, which differs from local time by a variable amount, as shown in fig. 3, Circular G, Instrument Division. If the time error amounts to a tenth of an hour or more it must be elimi-

nated by complying with the instructions contained in paragraphs 24, 25, and 27 of Circular G, Instrument Division.

67. In tabulating the data from photographic records it will be necessary to change local mean time to the standard of time in local use. Hour lines will be ruled on the photographic record in red ink to correspond to the standard of time in local use. If the local mean time of the station is twenty minutes faster than standard of time in local use the red-ink hour lines will be ruled twenty minutes to the right of the hour lines, and if local mean time is twenty-five minutes slower than standard of time in local use the lines will be ruled twenty-five minutes to the left of the hour lines, etc. The data will then be tabulated with reference to these adjusted hour lines.

68. The "Character of sunrise and sunset" will be recorded as clear, cloudy, foggy, hazy, or smoky, depending upon whether the sun was visible or obscured at the time of sunrise or sunset. When the character of sunrise or sunset is cloudy, foggy, hazy, or smoky the time these conditions obtained will be deducted from the full possible twilight correction.

69. It is not intended that observers shall go on duty at unreasonably early hours in order that the character of sunrise may be determined, but it is believed that, without much inconvenience, sufficiently accurate data can be obtained by noticing the character of weather immediately upon rising and by inquiry of persons who may have occasion to be up at time of sunrise.

70. The "Twilight correction" will be the difference between the time of sunrise for the latitude of station (as shown by Sunshine Table, Edition 1905) and the time at which the sunshine record began, and the difference between the time the sunshine record ended and the time of sunset (shown by table), provided the sky was clear during both these periods. If there were clouds, fog, etc., on the horizon sufficient to obscure the sun, either morning or evening, the time the sun was obscured should be deducted from the correction, as determined above.

71. The twilight correction will be apportioned among the morning and evening hours during which the sun shone and the register failed to record. The amount which belongs to each hour will be entered in red ink to the left of and above the entry of the amount of recorded sunshine. The twilight correction thus entered will be included in the sums entered at the bottom of the page.

72. Under "Hours of sunshine" the column headed "Total" will be the total recorded, including twilight correction. The "Possible hours of sunshine," recorded in the succeeding column, will be computed from the time of sunrise and sunset, as previously taken from Sunshine Table, Edition 1905.

73. In order that the first and last of the monthly "sums" under "hours ending" shall not be discordant with the "divisors" employed at the end of the month, the first and last fractional proportions of the "twilight correction" will be recorded each day to the nearest hundredth of an hour, provided the sun when at the horizon was not obscured; all other entries will be to the nearest tenth.

74. The "Percentage of possible hours of sunshine" will be obtained by dividing the total for each day (total recorded, plus twilight correction), multiplied by 100, by the "Possible" for the same date.

75. The "Percentage of possible for each hour" will be determined by dividing the "Sum," multiplied by 100, by the number of hours of possible sunshine for the entire month during the hour indicated by the heading of the column. Except for the hours ending shortly after sunrise or sunset the "Hours of possible sunshine" will be the same number as there are days in the month. The divisors to be used for the hours ending shortly after sunrise and sunset are given in Sunshine Table, Edition 1905. The "Percentage of possible" for the month will be determined by dividing the sum of column headed "Total," multiplied by 100, by the "Possible" for the month.

76. All percentages will be recorded to the nearest whole per cent.

77. If at any time the amount of sunshine recorded by the instrument is known to be incorrect, either because the instrument fails to record when the sun is faintly obscured by thin haze, cloud, light fog, or light smoke, or because it continues to record for moderate cloudiness which obscures the disk of the sun, the true amount, as determined by eye observations, will be entered in the proper hour spaces in black ink and an explanatory note made on the margin of the form and on the original record sheets. A slight readjustment of the angle of inclination of the glass tube will eliminate imperfect results of this character with the electrical sunshine recorder.

78. No twilight corrections for the first and last hours will be entered under the conditions given in paragraph 77, but the record for the entire time will be in black ink.

79. When hills, trees, or buildings in easterly and westerly directions cause the actual times of sunrise and sunset to differ from those in the table, the observer will note, about the 15th of each month, or oftener if the horizon is very irregular, the time of actual sunrise and sunset, for the center of sun's disk, and note those observations on the margin of the page.

80. When the photographic sunshine recorder is used the sensitized charts containing the permanent record will be pasted on Form No. 1065, provided for that purpose, before forwarding them to the Central Office (see paragraphs 25 to 27, Circular G, Instrument Division), but all data will be tabulated on page 4, Form No. 1001, only in accordance with the special instructions given.

WIND.

81. The current velocity, and maximum velocity since last observation, will be obtained in accordance with paragraphs 181–184. When the anemometer cups are not moving at the time of observation the wind will be recorded as calm, whether or not 1 or more than 1 mile has been recorded during the last hour; if the cups are moving, a velocity of 1 mile or more will be recorded. The maximum velocity will be entered on pages 2 and 3 only when it equals or exceeds 25 miles per hour. Where but one observation is taken daily, enter the prescribed velocity for the twelve hours preceding the observation and omit entry for the succeeding twelve hours.

82. The maximum velocity must always be equal to or greater than the current velocity, and will have but one direction recorded therewith.

83. The current velocity will be the reading at the time of taking the observation, i. e., between 7.40 and 8 o'clock, 75th meridian time. The

maximum velocity will be the highest velocity for a five-minute period during the twelve hours preceding the regular observation.

84. Whenever there is a break in the record, enter note with the maximum velocity for each twelve hours, and for the day, stating the time for which they are a record.

85. The total movement for the twenty-four hours ending at 12 midnight will be used as the total daily movement.

86. The prevailing direction of the wind for each hour will be entered in the hour spaces, page 6. Only one entry will be made as the prevailing direction for any single hour. If two or more directions are recorded an equal number of times on Form No. 1017, consider the directions adjacent to the hour in determining the direction to be entered as prevailing. When the wind movement for any hour is entered as "0," the direction for that hour will also be "0."

87. The prevailing direction for the day, and for the hour as recorded at the foot of page 6, is the direction or directions which appear most frequently in the respective line and column.

88. The direction recorded the greatest number of times during the month will be considered and entered as the prevailing direction for that period. If two or more directions occur an equal number of times consider the adjacent directions in determining the prevailing direction for the month. Only one direction will be entered.

89. Hourly Wind Movement.—The number of miles of wind recorded each hour will be entered for each day on page 7.

90. In counting the number of miles of wind for each hour the closing of the circuit should be counted as the mile and should be given to the hour in which the circuit closed.

91. The record for each day on pages 6 and 7 must be completed on the day following that for which the entries are made, or as soon thereafter as practicable, and the total for each day compared with the total from midnight to midnight, for the same period of time, entered on the face of the wind sheet.

92. The average hourly velocity will be obtained by dividing the total movement by the number of hours in the month.

93. The maximum velocity during the hour will be entered in red ink in the upper left-hand corner of the hour space each hour that the maximum velocity exceeds the limit fixed by the official in charge, for entry in Form No. 1014 (see par. 163). This velocity will be entered in the space provided at the top of the page.

CLOUDS.

94. Entries of clouds will be printed thus: Ci., Ci.St., Ci.Cu., A.Cu., A.St., St.Cu., Nb., Cu., Cu.Nb., St.

95. The amount of clouds will be recorded on a scale of zero (0) to ten (10). If no clouds are visible, record zero (0); less than one-tenth, record "Few;" less than two-tenths and not less than one-tenth, record 1, etc. Absence of movement will be indicated by the figure zero (0) in the space for direction; and at night, when there is doubt as to kind and direction, a query mark (?) will be placed after the questionable record. The directions from which the clouds are moving will be recorded to eight points of the compass, as N., NE., E., etc.

96. Haze, smoke, and fog will not be recorded in tenths, but must be designated as dense or light, except when smoke or fog occurs in only a portion of the sky, then as follows: $\frac{1}{10}$ light fog in NE., W.; $\frac{2}{10}$ light smoke in W., N., etc. These fractional amounts will not be considered in footing up the columns.

97. No clouds will be recorded with dense haze. If clouds are observed, the haze will be entered as light. Haze will not be given a direction. When dense haze is observed the state of weather will be recorded as "Hazy," and when light haze is observed the state of weather will be determined from the amount of clouds.

98. Dense smoke and dense fog (unless they prevail with nimbus clouds) will not be recorded when clouds are observed, except when from the roof of a building the sky can be seen, in which case a note will be entered stating the fact, and the state of weather will be determined from the amount of clouds; otherwise, when dense smoke or dense fog is observed the weather will be recorded as "Smoky," or "Foggy," as the case may be. When light smoke or light fog is observed the state of weather will be determined from the amount of clouds.

99. Fog and smoke can have a direction; when no movement is perceptible, record zero (0) in space for direction.

100. If there be two or more kinds of clouds observed, invariably record the upper first and the lower immediately underneath in the space for clouds.

101. Clouds will be recorded according to their form without reference to the occurrence of precipitation. That is, if rain is falling from strato-cumulus clouds, record the clouds "St.Cu." and the state of weather "Light rain," etc. When precipitation is occurring with dense fog, record the clouds "10 Nb." and the direction the same as the wind. When precipitation is occurring in the distance, but not actually at the place of observation, an explanatory note will be entered and the state of the weather recorded in accordance with the conditions at the place of observation.

102. Observers should be careful not to record cumulus or strato-cumulus as cumulo-nimbus. It is seldom that more than a few tenths of cumulo-nimbus clouds are visible.

103. In the column "Average cloudiness," page 4, observers will record in whole numbers the average amount of clouds during the day (sunrise to sunset) on a scale of zero (0) to ten (10), as determined from frequent personal observations.

104. The "Character of day" will be determined from data in column headed "Average cloudiness;" zero to three, inclusive, record "Clear;" four to seven, "Partly cloudy;" eight to ten, "Cloudy."

PRECIPITATION.

105. The time of each beginning and ending of precipitation will be recorded; intervals of fifteen minutes or less between the time of ending and recommencement not being considered except near the time of an observation, when all beginnings and endings must be recorded.

106. When a thunderstorm occurs the international symbol for thunderstorm (⊼) will be entered on the right-hand margin of page 8 on each day, midnight to midnight, standard of time in local use, on which thunder was heard.

107. The amount of rainfall will be determined by measuring with the "measuring stick" the amount in the receiver of the rain gage; record as the amount one-tenth of the actual depth measured. After the receiver has been emptied the water in the overflow, if any, will be poured into the receiver, measured, and added to that found in the receiver. Precipitation of less than 0.005 of an inch will be recorded "T." When the p. m. observation is not taken, the amount of precipitation for that observation will be measured the same as if both observations were taken.

108. When there is danger of evaporation, the rainfall will be measured as soon as the rain ceases, and the water, if drawn off, will be returned to the gage. If the measurement at the next regular observation exceeds this one, it will be substituted therefor.

109. All precipitation entirely or partially in the form of sleet, snow, or hail will be melted, poured into the rain-gage receiver, measured, and recorded in the same manner as rainfall. The measurement of precipitation in the form of snow is attended with much uncertainty, due to the action of the wind in drifting the snow and preventing it from entering the gage or blowing out a portion of the snow that has entered. If the observer has reason to believe that the amount collected in the snow gage is not the total snowfall since last observation, three measurements of the depth of snow will be made at different places and the mean of these measurements recorded as the actual depth of the snow. If it is impracticable to melt the snow, or the amount collected in the snow gage is not considered correct, one-tenth of the amount of snow in the gage or from measurements elsewhere, as the case may be, will be recorded as the amount of precipitation for that observation, with an explanatory note.

110. The following suggestions are given for the guidance of observers in the measurement of snowfall:

While one-tenth the depth is arbitrarily adopted as the water equivalent of snow, yet this is only coarsely approximate, and observers should always endeavor to determine the actual equivalent by one of the following methods:

First method.—Select a place where the snowfall is as little disturbed as possible and cut out a section with the snow gage, or 8-inch overflow of the rain gage, by sinking the gage inverted through the snow and covering the mouth with a sheet of tin or thin board. The 8-inch cylindrical section of snow thus secured is then most conveniently measured by weighing, either in the gage itself, the weight of which is afterwards deducted, or after first emptying the snow into some smaller or lighter vessel. If this weight can be ascertained with an accuracy of within one-fourth of an ounce, the water equivalent will be given to the nearest hundredth of an inch by use of Table II.—Paragraph 77, Circular A, 1903.

Second method.—If the snow is melted and measured in the measuring tube of the rain gage, care must be taken that loss does not occur by evaporation. Rapid melting must be avoided. The best results are obtained, not by melting directly, but by mixing a measured quantity of warm water with the snow and then measuring the slushy mixture, just as if the snow were all melted, deducting, of course, the amount of warm water added. Ten, or even five inches of warm water in the measuring tube are sufficient for effecting the measurement of a very considerable snowfall. Care must be taken in changing the snow or water from one vessel to another that portions of the precipitation are not lost.

111. When precipitation is occurring at the time of observation, or occurs between the taking of the observation and 8 o'clock, 75th meridian time, a check mark will be made on Form No. 1017 or No. 1028 to show the exact time of observation. The record for that hour as entered on the face of the above forms will include the amount between the check and the end of the hour, but under head of precipitation at time of the a. m. and p. m. observation on the above forms, as also similar headings on Forms No. 1001, No. 1014, and No. 1083, the entries will show the amounts recorded at the time the measurements were made.

112. Precipitation from fog, dew, or frost will not be recorded in this form. Absence of precipitation will be indicated by the figure zero (0).

113. All beginnings and endings of precipitation will be entered in chronological order on the dates on which they occur, beginning at the left-hand column. Only one entry will be made in each column when there are not more than four showers. A. m. and p. m. will be entered as "a" and "p," respectively. When time of beginning and ending is unknown it will be recorded as D. N. a. or D. N. p. (during night).

114. The depth of snowfall (which remained on the ground for an appreciable length of time) during the preceding twenty-four hours will be entered each day in the column headed "Unmelted .... p. m. to .... p. m.," on page 8.

115. Less than 0.05 inch of unmelted snow, and all snow which melts as it falls, will be recorded as "T," and in the case of the latter a marginal note "Melted as it fell" will be entered.

116. The total depth of unmelted snow on the ground each day at 8 p. m., 75th meridian time, by actual measurement (the mean of three measurements when the snow is drifted), will be entered in the column headed, "On ground at .... p. m.," page 8.

117. All unmelted snowfall will be recorded to inches and tenths, except as indicated in paragraph 115.

118. Enter under "Amount of precipitation from melted snow (midnight to midnight)" on page 8 the amount of precipitation from melted snow (estimated if unknown). When it is estimated, a marginal note should be entered stating the fact.

119. Care should be taken in determining the character of precipitation when in the form of sleet or hail. Only the precipitation that occurs in the form of frozen or partly frozen rain should be called sleet. Hail is formed by accretions consisting of concentric layers of ice, or of alternate layers of ice and snow. It frequently happens that snow falls in the form of small, round pellets, which are opaque, having the same appearance as snow when packed. This should never be recorded as sleet.

Hail and sleet will not be entered in the columns for unmelted snow.

WEATHER.

120. The state of the weather will be determined and recorded with reference to the degree of cloudiness, and whether or not precipitation is falling or likely to fall soon; thus when the sky is three-tenths or less covered with clouds, record "Clear;" four to seven tenths, inclusive, "Partly cloudy;" eight to ten tenths, "Cloudy;" and "Misting," "Sprinkling," "Light rain," "Heavy rain," "Light snow," "Heavy snow," "Sleeting," "Hailing," "Threatening," and "Clearing" when these conditions exist (see paragraphs 97, 98, and 105). When two or more kinds of precipitation are occurring at the time of observation all will be entered under the "State of weather." When light fog, light haze, or light smoke is observed with no clouds, the state of weather will be recorded as "Clear."

121. When a thunderstorm is prevailing at the moment of observation, or the rain is still falling, although neither thunder has been heard nor lightning seen for one hour previous to the observation, the international symbol for thunderstorm will be entered after "State of weather."

FOOTINGS AND SUMMARY.

122*a*. No data required.

b. Underscore in red ink maximum and minimum of the column.

c. Enter most frequent kind or direction, and when two or more directions or kinds are observed an equal number of times, all will be entered. Calm will not be considered in determining the most frequent direction.

Haze, fog, and smoke will always be considered in determining the most frequent kind of clouds; and the direction of fog and smoke will be considered in determining the prevailing direction of clouds, but the amount of fog or smoke will not be considered in the sums or averages.

f. On page 3, under "Fog," "Light," or "Dense," enter the time of beginning and ending on days when these conditions are observed at station, midnight to midnight, standard of time in local use. Enter on page 9 the dates of all days on which fog is observed. A dense fog is one that is dense enough to obscure objects at a distance of *one thousand feet.*

g. The monthly means of "Station pressure," "Reduced pressure," "Dew-point," "Humidity," "Vapor pressure," and "Temperature" (a. m. + p. m. ÷ 2) will be obtained by adding the monthly means of the a. m. and p. m. observations and dividing the sums by 2. The "Monthly mean temperature" will be obtained by dividing the sum of the mean maximum and mean minimum temperatures by 2. The sea-level, 3,500-foot, and 10,000-foot temperatures will be obtained by applying the corrections in the table to the monthly temperature. The 3,500-foot and 10,000-foot pressures will be obtained by using the monthly temperature as the temperature argument and the corrected monthly station pressure as the pressure argument.

h. In determining the highest and lowest pressure, all regular and special observations entered in the form will be considered. When the highest or lowest reduced pressure occurs on more than one date, carry the reduction to thousandths to determine the actual date.

i. The highest and lowest temperatures and the greatest and least daily ranges will be taken from page 8, but the dates on which they actually occurred (tenths considered) will be determined from pages 2 and 3. At stations supplied with thermographs, when the monthly maximum or minimum temperature is recorded the same on two or more dates on pages 2 and 3, the date of the highest or lowest temperature for the month will be determined by the thermograph trace, using the date on which the highest or lowest point is reached by the thermograph pen. When the greatest or least daily range of temperature occurs on two or more dates, as shown on pages 2 and 3, the date will be determined by referring to the thermograph trace.

j. The number of days with the maximum temperature 90° or above, 32° or below, and minimum temperature 32° or below, and zero or below will be determined from the maximum and minimum thermometer readings as recorded to tenths. When the maximum or minimum temperature is taken from the thermograph it will be considered as whole degrees.

k. When on more than one date, both dates will be given.

l. (1) Precipitation will be considered excessive when it equals or exceeds 2.50 inches in twenty-four consecutive hours, or 1 inch in one hour. See also paragraph 205.

(2) In determining the duration of excessive precipitation of 2.50 inches in twenty-four hours at stations equipped with recording rain gages, the period of duration will begin with the first closing of the circuit and end with the last closing for each shower. All intervals between showers will be excluded. At stations not equipped with recording gages the period of duration will be the time precipitation actually occurred. The period may be extended beyond twenty-four hours as long as the rate of 2.50 inches in twenty-four hours continues.

(3) When the above data are compiled for publication the following footnote will be made: "The duration is the time precipitation was actually recorded."

(4) Excessive precipitation at the rate of 1 inch an hour will not be entered on Form No. 1001.—Met'l, unless 1 inch falls within one hour. If 1 inch is recorded in less than one hour that amount only will be taken, unless the rate of fall continues excessive (at the rate of 1 inch an hour or eight and one-third hundredths inch in five minutes), in which event the entire amount of precipitation at the excessive rate and the entire time at which the rate was excessive will be entered.

(5) After 1 inch has been recorded within one hour, if the rate ceases to be excessive for a short time and again becomes excessive, whether or not it extends beyond one hour, both amounts will be included, provided the amount for the last excessive period is sufficient to make it and the nonexcessive interval, taken together, excessive.

(6) At the beginning or ending of excessive precipitation of 1 inch an hour no amount at less than that rate will be included unless required to make a total of 1 inch in an hour.

m. In compiling the maximum precipitation in twenty-four hours and excessive precipitation data, the division of the months will be disregarded. The same data will not be included in the compilations for two months. When the record for the 1st of a month has been included in that for the preceding month, a note to that effect will be entered on page 9.

n. A day with snow is one on which a trace or more of melted snow fell, midnight to midnight. A day with hail is one on which a trace or more of hail fell.

o. To be taken from the sum of column headed "Snowfall, unmelted, ... p. m. to .... p. m.," page 8.

p. To be determined from page 6 at stations that prepare said page and from the "Number of times observed from," as recorded in the summary, at stations that do not prepare said page. If two or more directions are recorded an equal number of times, consider the adjacent directions in determining the prevailing direction for the month. Only one direction will be entered. When calm exceeds the prevailing direction, it will be entered immediately above the latter.

r. Enter but one maximum wind velocity, direction, and date.

t. The "Monthly mean cloudiness" will be the mean of the column "Average daily cloudiness," on page 4.

u. To include only days on which 0.01 inch or more of rain, melted snow, sleet, or hail fell.

v. A day with thunderstorm is one on which thunder is distinctly heard at the station, whether or not lightning is seen or rain falls at the station. (See par. 106.)

w. Stations having a recording rain gage will enter the maximum fall in five and ten minutes, etc., for the month, together with the date of occurrence.

RULE FOR DISPOSING OF DECIMALS.

123. In dropping decimals, if the figure to be dropped is greater than 5 (or 5 with a remainder) the preceding figure will be increased by 1. If the decimal figure to be dropped is 5 exactly, the preceding figure when odd will be increased by 1, and when even it will remain unchanged. If the figure to be dropped is less than 5, retain the preceding figure unchanged.

124. In computing the monthly means of barometer and vapor pressure the division will be carried to four decimal places, and the fourth decimal dropped in accordance with the preceding rule. In computing all means (except for barometer and vapor pressure) carry the division to two decimal places only, and dispose of the last decimal figure according to the preceding rule.

FROSTS.

125. The date of occurrence of each frost will be recorded throughout the year in California and Florida and along the immediate coast of the Gulf of Mexico.

126. In the spring the date of occurrence of each frost will be recorded within and to the southward of the different zones on and after the dates set opposite the several lines upon the chart at the end of this circular.

127. All frosts occurring at any station between May 1 and August 31 will be recorded.

128. During the autumn and winter frosts will not be recorded subsequent to the date on which the first killing frost occurs, except as specified in paragraph 125.

129. Frosts will be designated as "light," "heavy," or "killing." The term "light" signifies no destructive effect except to tender plants and vines; "heavy," a copious deposit of frost, but which does not kill the staple products of the locality, and "killing," frost that is destructive to vegetation and staple products.

130. The character of frost, whether light, heavy, or killing, must sometimes be determined by the phenomenon itself, rather than by its effect on vegetation and the staple crops, since the latter may have passed the stage where injury was possible.

MONTHLY METEOROLOGICAL NOTES.

131. Pages 11 and 12 will contain an account of important atmospheric phenomena, not easily susceptible of tabulation, occurring at or in the vicinity of the station. Events will be described after the manner of a narrative, covering the entire period of occurrence, whether consisting of a fraction of a day or of a number of days.

132. An annual index will be prepared on the printed form provided for that purpose and will be submitted with the December Form 1001. Subjects will be indexed by month and date.

133. The meteorological notes will be written with a typewriter and the writing should be single spaced. Both sides of the sheet will be used, and, if necessary, an additional sheet will be inserted. A press copy will not be made.

134. In the reporting of meteorological phenomena too much care can not be exercised to make the account explicit and to state accurately the time of occurrence. Very often the omission of a single detail detracts materially from the value of the report.

135. In describing weather conditions and phenomena it is preferred that clock time be employed. Midnight will be understood to refer to the end of the day and will receive the date thereof. Twelve o'clock midnight and twelve o'clock noon will be written thus, respectively: 12 midnight; 12 noon. Night will be referred to thus: "Night of the 3d–4th," and will cover the time from dark to daylight.

136. At stations on the lakes and navigable rivers the opening and closing of navigation, together with the name of the first vessel to arrive and the last to depart, should be recorded.

137. Noteworthy facts in regard to frosts will be recorded in accordance with paragraphs 125–130.

138. Especial care should be taken to note the *dates* of the occurrence of the first and last frost of each character in *the annual index of the Monthly Meteorological Notes.* If the dates of the first and last killing frost can not be determined the first day with the minimum temperature of 32°, or lower, in the autumn, and the last day with 32°, or lower, in the spring, *when precipitation did not occur* while the temperature of 32°, or lower, obtained, will be recorded, with an explanatory note as to the probable cause of the absence of frost on those dates.

139*a.* A tornado is a violent local storm, in connection with which is usually noted a well-defined, pendant, funnel-shaped cloud, with attendant rotary winds, often of sufficient violence to prostrate buildings and uproot trees, and leaving unmistakable evidence of rotary winds.

b. Whenever a tornado occurs in the vicinity of a station the official in charge will make diligent effort to obtain an accurate description of all meteorological elements accompanying the tornado. In gathering and preparing the data relative to a tornado, information on the following points is desirable:

c. The path of the tornado, with the location of buildings destroyed and the distribution of the débris on either side of the storm track. This should be shown by a map.

d. The name of the place and the date and hour of occurrence. If the tornado passed near a town the distance, and direction from, should be noted.

e. The appearance of the cloud; glow, and funnel-shape; the color of cloud; the meeting of clouds; lightning, and whether seen to issue from the funnel cloud.

f. Character and amount of precipitation, including hail; size of hail.

g. Nature of attendant noises.

h. Direction of motion of storm.

i. Presence of a whirl, either as seen in a cloud or as evidenced by the distribution of the débris.

j. General direction in which trees or débris lay in the center line of greatest destruction, and on either side of this line.

k. Length of path and width at point of greatest destruction.

l. Number and names of persons killed.

140. Various optical phenomena are constantly occurring in the atmosphere, and while they have no very important bearing upon the weather it is desirable to note their occurrence. Among these phenomena may be mentioned auroras; halos, solar and lunar; rainbows; coronas; parhelia; paraselenæ, and mirages.

141. Auroral displays should be described, giving in all cases where practicable the time of beginning and ending and the altitude and azimuth of each extremity and of the crown of any arch of light that may be formed. Azimuths should be recorded as in astronomy, from the south point to the westward, passing successively through west, north, and east points of the compass until the starting point is reached.

142. In counting the number of auroral displays, those occurring on parts of two successive days will be counted as single displays, but in counting the dates of auroras, when they extend past 12 midnight, both dates will be counted.

143. Whenever a meteor is seen the "illumination" left by it should be carefully noted, both as to its appearance and the direction in which it apparently floats.

FORM No. 1002.

144. This form will be made out in duplicate at the end of the year on the current edition.

145. If the elevation of the anemometer, thermometer, or rain gage has been changed, that on December 31 must be given. The dates of changes and old elevations must be carefully recorded on the margin.

146. The sum of corrections and all changes in the same must be carefully noted under "Sum of barometer corrections," page 1, and the date and observation upon which it was first used.

147. When one or more observations have been missed, connect all data for less than a full month with a footnote, stating the length of time of the record.

148. The monthly mean pressure, dew-point, relative humidity, absolute range of pressure, and all other data, except as hereinafter provided for, will be taken from the summary of Form No. 1001 or the Climatological Record. The decimal in the case of the dew-point and relative humidity will be disposed of according to rule.

149. In the space for date of highest and lowest pressure and temperature for the year enter the month and day thereof, as "July 6." The mean daily range and mean daily change of temperature will be taken from the columns similarly headed on page 8, Form No. 1001.

150. The data to be entered in the columns headed "Total" and "Possible" will be taken from the sum of the columns similarly headed on page 4, Form No. 1001. The "Percentage" will be taken from the monthly percentage of "Total." Stations not supplied with a sunshine recorder will leave these columns blank.

151. The prevailing wind direction for the year (at foot of column headed "Prevailing direction") will be determined from the sums of "Number of times observed blowing from the N., NE.," etc.

152. The mean hourly temperature and wind velocity will be taken from the mean values at the foot of pages 5 and 7, respectively, and the data for entry in columns headed "For the month," from the average hourly temperature and wind velocity, respectively. Data for less than one-half of a month will not be recorded, and in case the data for one or more months are missing the sums and means for the year will be omitted. All means will be obtained by dividing the sums of the respective columns by 12, and each mean will be recorded to the same number of decimal place as the data from which it is obtained are recorded.

FORM No. 1003.

153. The data to be entered on Form No. 1003 will be an exact copy of those in columns similarly headed in Form No. 1002. One copy will be forwarded to the Central Office with Form No. 1002. A retained copy need not be kept.

FORM No. 1014—DAILY LOCAL RECORD.

154. Time.—All entries will be on the standard of time in local use; this will be local mean time at the few places where such is in current use.

155. Enter against the heading "Temperature at the end of hour" the corrected thermograph readings, except whenever eye readings of the dry thermometer at exact hours are available they will be entered. The maximum and the minimum thermometer readings and the mean daily and normal temperatures will be entered on the right-hand side of the sheet, and these entries will correspond to those entered on page 8, Form No. 1001.

156. Under "State of weather" enter the nature of the precipitation, whether rain, hail, sleet, or snow, with the time of beginnings and endings. The character of precipitation may be indicated by a single letter; thus, for rain beginning at 9.15 a. m. the entry would be "R. B. 9.15" in the column headed 9–10. The ending should be indicated in a similar manner in the proper hour column.

157. On the right-hand margin of the form, opposite the heading "Nature of precipitation," etc., the total depth of snowfall for the twenty-four hours ending at 8 p. m., 75th meridian time, will be entered.

158. The blank space on the form for the time will be filled up by entering the standard time in local use corresponding to 8 p. m., 75th meridian time. In the same manner the amount of snow on the ground at 8 p. m., 75th meridian time will be entered.

159. In the spaces against the heading "Amount of precipitation" will be given the hourly amounts, when obtainable by self-register. Stations not supplied with self-registers will leaves the spaces blank. On the right-hand margin space is provided for the entry of the total precipitation as measured at the 8 a. m. and 8 p. m. observations, 75th meridian time, except that the time will be given in the local standard in use at the station instead of 75th meridian.

160. The total precipitation, midnight to midnight, will also be entered in the space provided for it. At stations not provided with self-registers the amount will be estimated and a note to that effect will be made.

161. In the spaces headed "Cloudiness and other conditions" the state of the weather will be indicated by the words "Clear," "Partly cloudy," "Cloudy," "Fog," etc., and the time that these conditions prevailed will be indicated by means of arrows and lines drawn through the hour spaces on both sides of the word and ending at the time when the conditions began and terminated. Moonlight should be observed and a symbol entered to indicate the phase of the moon on the date for the

maximum of each phase. If the moon is obscured at intervals, either totally or partially, these facts should be noted. The "character of the day" will be entered in the space provided for it.

162. The space headed "Sunshine" is intended to replace the entries which were formerly made on Form No. 1070, and the instructions which apply to page 4, Form No. 1001, will be followed in entering the data on this form.

163. In like manner the spaces for "Wind direction" and "Wind movement" will be prepared precisely as the similar columns on pages 6 and 7, Form No. 1001. The third space under wind, "Maximum velocities exceeding ..... miles," will contain a statement of the maximum hourly velocity and direction, together with the time the maximum occurred, as taken from Form No. 1017 or No. 1015 whenever the wind exceeds a certain limit. This limit will be fixed by officials in charge of stations. In general, maximum velocities below 25 miles will not be entered unless there is demand for them at the station. Officials in charge will aim to enter only those maximum velocities which may be of importance to the public interests at the station.

164. Space has been provided for use in entering excessive precipitation data. Against the right-hand margin of this space relative humidity, reduced barometer, and river readings should be entered.

165. Copies of the barograph and thermograph trace will be made on the diagrams at the foot of the page.

166. The space provided for notes will be used whenever the instrumental readings do not clearly express the weather conditions of the day. Under this head a description should be given of all severe storms, cold waves, frosts, or any abnormal condition that may prevail, together with the time of receipt and the time of hoisting and lowering of warnings of all kinds. The Daily Local Record should contain a complete history of the weather of the day and be carefully verified. It will be retained at the station, and a copy will not be furnished to the Central Office. It should be made in record ink.

167. All special features will be indexed.

FORMS No. 1015, No. 1017, No. 1028.

175. Enter in the lower right-hand corner of each sheet the meridian of time on which the record is made; as 75th meridian time, 90th meridian time.

176. Incomplete Records.—Observers will examine the registers each morning immediately upon arriving at the office to see whether or not they are working properly. If the anemometer is out of order a dial reading will be made at once and entered on the sheet, together with the time at which it was made.

177. Dial readings will also be made at each regular observation and at each noon during the incomplete record and when the record is started, and entered on Form No. 1015 or No. 1017. The data will be interpolated when the loss of record is less than twenty-four hours. Short breaks in the record when the self-register fails to work may be estimated when the observer believes he can approximate what the record would have been. In all such cases an explanatory note will be entered on all forms where the data are used.

178. In case of loss of record for a period of twenty-four hours or more, blank sheets for the period containing the name of the station, dates, and such data as can be obtained will be prepared and forwarded with the regular monthly package.

179. Whenever the instrument has not been running on correct time a note should be made to indicate the true time of the record.

180. The total movement of the wind for each six hours and for the day will be entered on the left-hand margin in the proper spaces.

181. Current Velocity, How Obtained from Register.—To obtain the current velocity from the anemometer record, take the number of spaces and parts of spaces between the mile marks recorded in the five minutes preceding the moment considered and multiply the result by 12, except when the wind has blown at the rate of less than 12 miles an hour, when the velocity will be determined as shown by the second example below.

First example: Suppose the number of spaces indicating mile marks between 7.55 p. m. and 8 p. m., 75th meridian time, was $1\frac{1}{4}$, then the velocity of the wind to be recorded at the p. m. observation is $1\frac{1}{4}\times12=15$ miles per hour.

Second example: If the interval between the last two mile marks is seven minutes, then the current hourly velocity will be obtained by dividing 60 by $7=8\frac{4}{7}$ miles, recorded as 9 miles.

182. Maximum Velocity, How Obtained from Register.—The maximum velocity of wind will be obtained by considering the number of spaces and fractions thereof between the mile marks in the five minutes where the velocity is the greatest and multiplying the result by 12; the product will be the maximum velocity.

183. If the shortest space between two mile marks in the period covers more than five minutes of time, then the elapsed time for said space will be the basis of the calculation. Example: If the shortest space between two mile marks is thirteen minutes, then the maximum velocity is $60\div13=4.6$ miles per hour, which will be recorded on Form No. 1001 as 5 miles.

184. For convenience and accuracy in determining the velocity of the wind a scale has been prepared and furnished to each station with which the velocities may be read direct from Form No. 1017—Met'l without computation. This scale consists of a series of subdivisions equal in length to the intervals between the mile marks on the record sheet for all velocities from 5 to 39, and for every even mile from 40 to 78 miles per hour. To determine the velocity, find the portion of the scale where the subdivisions correspond to the mile marks on the sheet. If the mile marks correspond with the smallest subdivisions, the velocity is shown by the first row of figures on the scale. If the mile marks correspond to 2, 4, or 8 of the subdivisions, the velocity is shown by the second, third, or fourth row of figures. When measuring maximum or current velocities for which a whole number of miles is not recorded in five minutes, it will be necessary to estimate the proportional part of a mile required to complete the five-minute period.

185. Maximum Velocities Entered on Wind Sheets.—The maximum wind velocity (for any five minutes) for the day, midnight to midnight, standard of time in local use, and the maximum velocity, when entered on pages 2 and 3, Form No. 1001—Met'l, will be entered in ink on Forms No. 1015 and No. 1017—Met'l immediately above the record as shown by the self-register. Care will be taken not to obliterate any record, and the word maximum will be abbreviated thus: Max. 25.

186. Current Wind Velocity, How Obtained from Dial.—Make two readings of the outer dial with an interval of five minutes between

them. The difference between these readings will be the distance, in miles and tenths, traveled by the wind in that interval. This, multiplied by 12, will give the indicated velocity in miles per hour. Example: Suppose the index of the anemometer to be at 3.4 on the outer dial when the first reading is taken and at 4.1 five minutes after, the difference, 0.7 mile, is the distance traveled in that time; and this, multiplied by 12, gives a velocity of 8.4 miles per hour.

187. The total movement by register for any period will be obtained by counting the number of marks in the period.

188. Wind Movement from 12 Noon to 12 Noon by Dial, How to Obtain.—Subtract the reading of the anemometer dial at 12 noon of the preceding day from the reading taken at 12 noon of the current day; the difference will be the total movement. When the reading of the anemometer is less than the reading of the preceding day, 990 miles will be added to it, and the remainder, after subtracting the reading of the preceding day, will be the total movement. Example: The dial reading of to-day is 91, and that of yesterday was 950, hence we have $91+990=1081$; $1081-950=131$, the total movement of the wind in miles from noon to noon.

189. Velocity of Wind, Estimated.—Whenever instruments are not available for directly measuring the wind velocity it will be estimated by reference to the following scale:

Name.	Miles per hour.
Calm	0 to 5.
Light	6 to 15.
Moderate	16 to 25.
Brisk	26 to 35.
High	36 to 50.
Gale	51 to 65.
Hurricane	66 or more.

190. Dial Readings.—The reading of the anemometer dial made at 12 noon on the first day of each month and at 12 noon each Monday during the month will be recorded on the sheet just taken from the register. Only actual dial readings will be recorded.

191. The accuracy of the anemometer record for each month may be verified at the end of the month as follows: Ascertain the total wind movement by register from 12 noon of the first day of the month in question to 12 noon of the first day of the succeeding month; add to this the dial reading on the first day of the month being verified and divide the sum by 990; the remainder should equal the dial reading on the first day of the succeeding month.

Example.

Total movement, 12 midnight to 12 midnight	3,283
Less twelve hours preceding 12 noon of the first day of month	70
	3,213
12 midnight to 12 noon of first of succeeding month	22
Dial reading on first day of month	303
	990)3,538(3
	2,970
Dial reading on first day of succeeding month	568

192. Anemometers Changed.—When the anemometer is changed a note will be made on the lower margin of the anemometer record sheet, giving the date and the hour of the change and the dial reading of both old and new instruments. If changed at 12 noon both readings will be recorded on the sheet just taken from the register.

193. When an electric sunshine record is made the character of sunrise and sunset will be written, at the proper hours, on Form No. 1017.

194. When both sunshine and rain are recorded on the same sheet, the portion representing rain will be clearly marked by brackets and such footnotes added as may be necessary to completely identify the records in case there is likely to be uncertainty.

195. Precipitation.—Whenever a station is equipped with a recording rain gage, that gage will be regarded as the station gage, and the measurements of the amounts of precipitation it collects will be the official measurements of the precipitation at the station.

196. Beginning and Ending of Precipitation.—The time of beginning and ending of precipitation will be recorded on the automatic record sheets (Forms No. 1017 and No. 1028) by direct and reverse check marks, thus (√) (V), accompanied by the letters B and E, respectively, said check marks being placed at the points corresponding in time on the sheet to the observed time of beginning or ending of precipitation, standard of time in local use. Whenever the time of beginning or ending is doubtful the entry will be accompanied by a query mark (?). Any information that will aid in determining the hourly amounts and rates of rainfall, when imperfectly recorded, should be given.

197. The characters B. D. N. or E. D. N. will be used to denote the beginning and ending of precipitation during the night, when the time is not known.

198. Whenever it becomes necessary to remove the recording gage to prevent injury from freezing (see paragraph 26, Circular E, Instrument Division), a note will be entered on page 9, Form No. 1001, giving the dates it was removed and again exposed. Stick measurements of the amount of precipitation collected in the snow gage will be made as instructed in paragraphs 109 and 110.

199. The precipitation collected in the tipping-bucket gage will be drawn off at each regular observation, the contents measured by stick in the measuring tube, and the amount recorded on Forms No. 1001 and No. 1017.

200. When the amounts by register and stick measurements at an observation differ by 10 per cent or more, a brief explanation of the probable cause of the discrepancy should be noted on the form upon which the disagreement appears.

201. At stations using the weighing gage the amount of precipitation at the regular a. m. and p. m. observations will, in general, be determined from the record sheet; but, in case of failure of the instrument to properly record, the amount of precipitation will be found by adjusting the sliding weight on the gage until equilibrium is established. The amount of precipitation is then shown by the scale reading, which will be taken to the nearest hundredth only. If a satisfactory scale reading can not be made for any reason the contents of the gage will be emptied into and measured in the tube of the standard 8-inch gage. The recording gage should then be set in operation as soon as practicable.

202. Whenever the gage is emptied at any hour other than noon, the time and the amount of precipitation in it will be entered at the foot of the form. When the sheet is removed the actual amount of precipitation will be entered in the space at the foot of the form, and the trace lines for each twelve hours will be dated at the beginning and ending of the line.

203. The hourly amounts of precipitation will be entered in red ink, near the middle of the hour period, on Form No. 1017 or No. 1028, whichever is used for obtaining the instrumental record; for example, the amount during the hour from 1 to 2 p. m. will be entered near the 1.30 p. m. line on the sheet. In case of precipitation only partly recorded the hourly amounts for the period during which the record was defective will be estimated, if sufficient data are available; otherwise they will be omitted.

204. The totals of the hourly precipitation must in every case equal the total precipitation by stick measurement.

205. In tabulating excessive precipitation data from Forms No. 1017 and No. 1028 for storms in which the rate of fall equals or exceeds the limits shown in the following table, the accumulated amounts for each successive interval of five, ten, fifteen minutes, etc., during which the precipitation continues at an excessive rate will be entered in the table provided for that purpose in the summary, Form No. 1001. Under head "Total duration" will be entered the beginning and ending of precipitation; under "Excessive rate" will be entered the time precipitation began to fall at an excessive rate, which will not be less than 0.05 inch in five minutes irrespective of the printed lines on the form, and the time the precipitation fell below that rate. This, however, must not be construed to mean that short periods during the progress of a storm where the rate falls temporarily below this limit shall be excluded. When the rate falls below the lowest limit, 0.05 inch in five minutes, for a period of thirty minutes or more the succeeding excessive precipitation will be tabulated separately. Under the heading "Accumulated depths of precipitation," etc., will be entered the accumulated amounts for the respective periods, all periods beginning at the same point of time, which should be identical with that given under "Excessive rate, began—." The tabulation will be continued so long as the excessive rate, as indicated above, continues. When the excessive rate extends beyond one hundred and twenty minutes the tabulation will be made for each fifty minutes separately, so long as the excessive rate continues.

Example.

Excessive rate.		Amount before excessive began.	Depths of precipitation (in inches) during periods of time indicated.									
Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.
7.01 a.m.	7.51 a.m.	2.66	0.08	0.25	0.38	0.52	0.77	0.88	0.92	1.28	1.42	1.80
7.51 a.m.	8.41 a.m.	--------	2.05	2.24	2.42	2.61	2.82	2.86	2.91	2.94	3.10	3.30
8.41 a.m.	9.31 a.m.	--------	3.53	3.61	3.78	3.92	4.19	4.29	4.35	4.45	4.64	4.70

Table showing limits at which precipitation may be considered as excessive.

Duration in minutes.	Depth of precipitation in inches.	Duration in minutes.	Depth of precipitation in inches.
5	0.25	35	0.55
10	0.30	40	0.60
15	0.35	45	0.65
20	0.40	50	0.70
25	0.45	60	0.80
30	0.50		

206. Storms in which the amount of fall does not equal that given above for any of the periods of time will not be tabulated.

207. In the case of the records from the tipping-bucket gage it must be remembered that in addition to accidental errors due to defective action of the recording mechanisms, there will also frequently be found a discrepancy between the recorded and measured amounts, which is apt to increase with the rate of rainfall, and varies slightly with different gages, and even with the same gage under different circumstances, as regards cleanliness, moisture, etc. The observer must, therefore, apportion the corrections with reference to different rates of rainfall, remembering that hours of heavy rainfall should receive greater corrections than hours in which the rainfall is at a slower rate.

208. In general the method of apportionment illustrated in the following examples will be employed in correcting the automatic records for discrepancies referred to above.

209. Example 1.—The recorded amount of precipitation is 1.14 and the amount by stick measurement 1.23, showing a deficiency in the recorded amount of 0.09. This amount must be added to the record; that is, at the rate of 1 tip for each 12 tips recorded ($1.14 \div 0.09 = 12$; dropping all fractions). Therefore, in each group of 12 recorded tips one extra tip will be added, and the record thus corrected will equal the stick measurement.

210. Example 2.—The recorded amount is 0.86 and the measured amount 0.80, showing an excess in the recorded amount of 0.06. One tip must, therefore, be stricken out in each group of 14 recorded tips ($0.86 \div 0.06 = 14$).

211. In performing the divisions indicated in these examples the observers will always drop all fractions.

212. In many cases the exact point at which a tip is added or stricken out is not of great importance, but, in general, these corrections should be made at those portions of the record showing a noticeably rapid rate.

213. The points at which tips are stricken out in accordance with the foregoing instructions will be indicated on the record sheet by a small cross mark (×) in red ink, and the points where tips are added by a caret (∧) immediately underneath the point; such marks will not be used for any other purpose on the rain-gage record sheets.

214. Stick Measurements.—At noon, after each precipitation, the water in the weighing gage will be carefully poured into and measured in the measuring tube of the extra gage. If the gage is recording properly, and upon inspection or test is found to be properly balanced, no

stick measurements will be made at the time of taking the observation, but the amount of precipitation will be read off from the scale on the gage in accordance with the instructions given in paragraph 59 of Circular E, Instrument Division, and recorded on Form No. 1001. If the gage is not recording properly the amount at each observation will be ascertained by stick measurement, and these values entered on Forms No. 1028 and No. 1001 at each regular observation. Since this gage is generally not emptied at the time of taking an observation, it will rarely occur that the scale reading of the gage will directly give the twelve-hour rainfall called for on Form No. 1001. At the a. m. observation it will be necessary to deduct the scale reading at the last p. m. observation, and at the p. m. observation it will frequently be necessary to add to the scale reading a quantity representing the amount of precipitation that fell between the a. m. observation and the time the gage was emptied at midday. Observers are cautioned against errors in making these entries on Form No. 1001.

RECORDS FROM BAROGRAPHS AND THERMOGRAPHS.

215. Sheets.—Barograph and thermograph sheets will each be clearly marked on the face of the sheet with the name of the station, time on which the records are made (as 75th meridian, 90th meridian, local mean time, etc.), and date; each day's record being dated as near the noon line for that day as practicable.

216. Clocks.—Every effort should be made to properly regulate the clocks to correctly keep time, winding them once a week, or oftener if necessary. The instruments should be inspected each day by the observer and properly adjusted by him when necessary. Whenever they are adjusted a marginal note, stating the fact, will be connected with the proper hour.

217. At the time of adjusting the barograph or thermograph pen, and when changing the record sheet, which will be at an exact hour, standard of time in local use, a reading of the station barometer (or dry thermometer) will be made and entered on the trace sheet. The corrections necessary to reduce the register to the standard at the time of changing the sheet and adjusting the pen, and for all regular and special observations, will be entered on the trace sheets in red ink. When the pen is set higher or lower there will be two corrections, one to apply to the preceding record and one to the following record. The correction to be used for other hours will be determined from the correction card by use of a pin or pins, as explained in paragraphs 223 and 224.

When the pressure or temperature at any particular station is such that the record might pass off the edge of the sheet or not be at all included in the rulings, observers will change the numbering of the lines by some convenient whole number and adjust the pen of the instrument accordingly.

218. Thermograph Time Error.—At the time of taking the a. m. observation the observer will carefully touch with a lead pencil the lever projecting from the thermograph bulb, so as to cause the pen to make a short vertical mark on the sheet. A note will be made on the first sheet for each month stating the time at which the pen is regularly touched. If it is touched more than five minutes from the regular time a note will be entered stating the exact time the mark was made.

219. Barograph Time Error.—If the barograph pen is not touched within five minutes of 12 noon a note will be entered giving the exact time the mark was made.

220. When the instrument is not running on correct time, this will be considered in taking off the data, so that it will be in true standard of time in local use.

221. Correction Card, How Used.—Ascertain the difference between the thermograph reading and the dry-bulb thermometer reading at any regular observation under consideration; then set the rubber band on the card in a notch at the left-hand edge corresponding to this difference. If this difference, or correction, must be added to the thermograph reading to make it agree with the dry-bulb reading, then the band must be set above the middle line, or, if the difference must be subtracted, set the band below. In a similar manner set the band in a notch at the right-hand edge of the card corresponding to the difference between the thermograph reading and the dry-bulb thermometer reading at the next regular observation. The hours on the correction card should be renumbered to agree with the meridian of time in use.

222. The thermograph correction at any hour between the regular observations is the distance above or below the middle line of the point at which the band crosses that particular hour line.

Example.

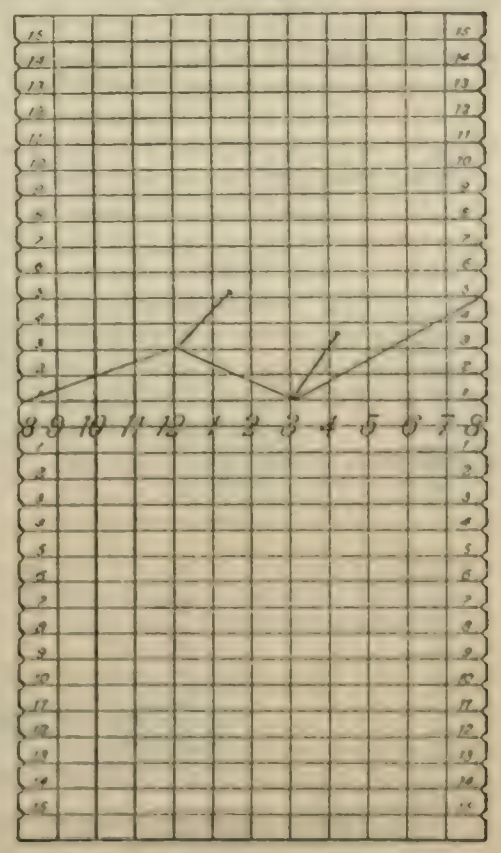
Difference at first 8 o'clock observation: + 2 (band above middle line).
Difference at next 8 o'clock observation: − 3 (band below middle line).

Hourly correction taken to the nearest unit.

9	10	11	12	1	2	3	4	5	6	7
+2	+1	+1	0	0	0	−1	−1	−2	−2	−3

This card also will be used in a similar manner for correcting barograph readings.

223. Eye readings of the thermometer and barometer at exact hours, as provided for in paragraph 217, should be used to check and correct the corresponding recording instruments. If the correction at 12 o'clock, for example, was +3, and at 3 o'clock +1, then if pins be stuck in the card at these points the rubber band may be deflected in the manner shown in the figure, and a complete series of corrections for the twelve-hour period from 8 a. m. to 8 p. m., 75th meridian time, determined.



Thermograph correction card.

224. The readings of the maximum and minimum thermometers at 8 a. m. and 8 p. m., 75th meridian time, should also be used in connection with the 8 a. m. and 8 p. m., 75th meridian time, and all other readings of the dry thermometer, in order to determine the corrections to be applied to the thermograph trace throughout the twenty-four hours.

225. These corrections will also be entered on the trace sheet, and

will not be accompanied by explanatory phrases such as "correction at time of max.," "correction at time of min.," "correction at 8 a. m.," etc., as these unnecessary entries confuse the record.

226. The corrections thus determined should also be entered in red ink on page 5, Form No. 1001, at the time the dry thermometer was read, or at the hour nearest the time of occurrence of the extremes, as shown by the trace sheet, giving the preference to the previous hour whenever there is uncertainty as to which hour is nearest the time of maximum or minimum, as the case may be.

227. When the maximum or minimum temperature occurs exactly at 8 a. m. or 8 p. m., 75th meridian time, the thermograph correction for that hour will be determined from the reading of the dry thermometer only.

FORM No. 1030.

228. The mean temperature for the month will be obtained by dividing the sum of the mean maximum and mean minimum by 2 and will be entered at the foot of the column headed "Mean."

229. The pressure and precipitation will be recorded to hundredths; temperature to nearest whole degree, except in case of the monthly means at the foot of the first three columns, normal for this month, and the average daily excess or deficiency, which will be carried to tenths. The accumulated excess or deficiency since January 1 will be the same as that recorded on page 8, Form No. 1001.

230. The average daily excess or deficiency since January 1 will be obtained by dividing the accumulated amount on the date desired by the number of days since January 1, viz, if the accumulated excess on February 28 is 51, divide it by 59, the number of days since January 1, which gives +0.9 for the average daily excess.

231. When four copies or less are issued the form may be prepared by using carbon paper and a hard lead pencil. A copy will be furnished each of the local papers and to such persons as are authorized; one copy will also be forwarded to the Central Office on the first day of the succeeding month.

232. When used for the Pacific Coast the average and excess or deficiency of precipitation will be computed from September 1.

233. A blank column has been provided for sunshine, snowfall, or such other data as may be desired.

FORM No. 1083.

234. Form No. 1083 will be carried when taking an observation and the data entered immediately thereon.

Chart showing areas in and dates upon which the entries of frost in Forms Nos. 1001 and 1014—Met'l begin in the spring.

Enter dates, not pages. *The dates called for by these headings must be given.

ANNUAL INDEX OF MONTHLY METEOROLOGICAL NOTES, FORM 1001--Met'l, AT La Salle, Ill., 1913.

SUBJECTS.	JANUARY.	FEBRUARY.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPTEMBER.	OCTOBER.	NOVEMBER.	DECEMBER.
Auroras												
Cold waves	15-19-24	2-8-27	20									12
Droughts								20 to 14			14 to 20	
Earthquakes	2											
Fires, forest												
Fog, light		14-16-17-18		13			12-22	15-17	18-23-24-30	4-11-14-16-24-25-26	7-15	5
Dense		17-18		13			22	15		4-14-16-24-26	15	
Floods, other than in rivers												
Frosts, light				23-30	13-14				26-27	1-13		
Heavy									30	14-16		
Killing				19						23		
*First killing after July 15										23		
*Last killing before July 15				19								
*Last heavy before July 15												
*First heavy after July 15										16		
Ice	1-29	5-26	4-11-18-22-29								27-28-30	16-23-30
Lightning, damage by					27	3	1					
Deaths by												
Meteors												
Navigation, opening				7								
Closing												1
Impeded												
Precipitation, excessive					27	16	1-7	19	15	11		
Sleet			20-21	17								3
Snow, heavy		25 & 26	11-12-14-15	17-18								
Hail												
Wet periods									15 to 21	8 to 11		
Rivers, flood stages			18 to 31	1 to 30	1 to 28							
High water, periods of					29 to 31	1 to 9						15 & 16 24 to 26
Smoke, light	16-22					25-28	14-27	5	23		2-9-16-30	24
Dense												
Temperature, unusually high					23		5	31	1-4-5-6-8-9-10	5-6		1-2-3
Unusually low	5-6-7-11-12-13-16	3-4	1-2-3-4-5-6-9-10-16-22			8		3-4	26-27-29-30			
Periods of high		17 & 18		4 to 6 11 to 14	3 to 7 20 to 23		5 to 9	24 & 25 30 & 31	1 to 10	5 & 6	10 to 12 19 & 20	1 to 4-14 to 17-23 to 31
Periods of low	1 to 16 19 & 20	2 to 10 26 to 29	1 to 16 20 to 25	17 to 19	12 to 16	7 & 8 17 to 19	16 to 19	1 to 5	26 to 30			11 & 12
Thunderstorms				6-21	1.2.4.5.6.11.13.20.23.24.26.27.28	1.3.13.14.15.20.27.29.30	1.6.7.10.20 21.28.30	9.12.13.18.19.20	2.6.15.18.20.21.24	9.11.21.29	12	
Tornadoes												
Wind, 40 miles per hour, or over												

Enter dates, not pages. *The dates called for by these headings must be given.

... is out of order. †† T Indicates trace of precipitation.

8—154

R.
551.6947232
2Un58
1912

Form No. 1001—Met'l. (1912 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

La Salle, Ill.

For the Month of January, 1912.

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ...; No. of wet thermometer in use, ...; No. of maximum thermometer in use, ...; No. of minimum thermometer in use, ...

† Elevation above ground of the dry thermometer, ... feet; rain gage, ... feet; anemometer, ... feet.

If the office has been moved during the month, give date ——; amount of change in height of barometer, —— feet (higher or lower).

No. of extra barometer, 600; sum of corrections, -.011; date and observation upon which use of station barometer commenced, 7:00 a.m. Nov. 19, 1904; station elevation, 536 feet; actual elevation, 536 feet.

Location of office: Number 221 Gooding street, rooms # 210 & 211; first observation taken in present office, 8:00 a.m. Nov. 19, 19 .

* Cancel words that are not appropriate.

† To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of January, 1917.

Number of Station barometer, 597; sum of corrections, -.005 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90TH MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:[illegible] A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	35.0	29.701	-.022	29.679	30.29	3.0	2.6	1	89	.040	15.7	3.0	W	12			T	1	Cirst	SW	Clear		S.P.P.	1
2	34.0	29.668	-.020	29.648	30.26	6.6	6.2	5	90	.049	16.4	2.8	NW	5			T	10	Nb	NW	Lt snow		S.P.P.	2
3	33.5	29.864	-.153	29.711	30.32	3.0	2.0	-3	72	.037	11.3	1.5	NE	3			0	4	Cirst	W	Partly		S.P.P.	3
4	32.5	29.650	-.176	29.474	30.08	5.1	4.5	2	84	.042	13.2	3.0	W	17			T	0	0	0	Clear		S.P.P.	4
5	25.0	29.905	-.131	29.774	30.40	-6.0	-6.6	-12	74	.020	5.1	-6.0	NW	18			T	0	0	0	Clear		S.P.P.	5
6	[illegible]	30.025	-.123	29.902	30.54	-11.0	-11.2	-13	90	.019	-6.0	-11.6	NE	8			T	10	Nb	NE	Lt snow		S.P.P.	6
7	71.0	29.926	-.120	29.806	30.45	-16.2	-16.3	-17	93	.015	-6.0	-16.2	W	7			0	0	0	0	Clear		S.P.P.	7
8	87.0	29.268	-.159	29.109	29.73	3.0	2.8	2	94	.042	3.0	-16.2	SE	2			.05	10	Nb	SE	Lt snow		S.P.P.	8
9	76.5	29.486	-.133	29.353	29.97	-2.0	-2.8	-8	71	.025	3.7	-2.9	W	16			0	0	0	0	Clear		S.P.P.	9
10	80.0	29.804	-.143	29.661	30.38	-4.5	-4.7	-6	92	.028	7.6	-5.0	NW	7			T	10	Stcu	NW	Lt snow		S.P.P.	10
11	73.0	29.961	-.125	29.836	30.47	-7.0	-7.4	-11	82	.021	0.6	-7.0	N	7			0	10	Stcu	N	Cloudy		S.P.P.	11
12	72.5	30.189	-.125	30.064	30.70	-14.9	-15.0	-16	94	.016	-2.0	-14.9	NW	7			T	1	Cast	NW	Clear		S.P.P.	12
13	76.0	30.044	-.133	29.911	30.55	-6.0	-6.2	-8	92	.025	0.3	-14.9	E	5			0	10	Cirst	SW	Cloudy		S.P.P.	13
14	88.0	29.709	-.164	29.545	30.16	14.0	13.4	12	89	.070	14.8	-6.0	SW	7			.01	10	Nb	SW	Lt snow		S.P.P.	14
15	69.5	29.938	-.116	29.822	30.44	-5.8	-6.2	-10	83	.022	18.3	5.8	NW	9			T	0	0	0	Clear		S.P.P.	15
16	60.0	29.845	-.143	29.702	30.32	-8.0	-8.0	-8	100	.025	3.3	-8.8	W	2			0	3	Cirst	W	[illegible]		[illegible]	16
17	78.0	29.343	-.136	29.207	29.81	26.4	23.8	18	68	.093	26.4	-8.0	SW	5			0	10	Stcu	SW	Cloudy		S.P.P.	17
18	67.5	29.475	-.109	29.366	29.97	21.6	20.8	19	89	.098	33.0	21.6	N	5			.03	10	St	N	Cloudy		S.P.P.	18
19	75.0	29.844	-.130	29.714	30.32	-4.7	-5.1	-8	83	.025	23.0	-4.7	NW	9			0	0	0	0	Clear		S.P.P.	19
20	85.0	29.725	-.156	29.569	30.19	14.5	14.0	12	91	.070	14.5	-5.2	SW	8			T	10	Nb	NW	Lt snow		S.P.P.	20
21	75.0	29.811	-.130	29.681	30.29	3.0	2.7	2	92	.042	21.3	2.2	SW	6			0	3	Cirst	NW	Clear		S.P.P.	21
22	78.0	29.639	-.138	29.501	30.10	19.0	18.6	18	94	.093	35.8	3.0	NE	2			0	7	Cirst	NW	Partly cloudy		[illegible]	22
23	89.0	29.577	-.166	29.411	30.01	36.0	34.4	32	86	.180	39.4	19.0	SW	7			0	10	Stcu	SW	Cloudy		S.P.P.	23
24	67.0	29.718	-.108	29.610	30.21	10.9	9.7	5	75	.049	36.9	10.0	N	2			0	0	0	0	Clear		S.P.P.	24
25	66.5	29.595	-.106	29.489	30.09	13.6	13.0	12	89	.070	25.5	10.9	NE	6			0	10	Stcu	N	Cloudy		S.P.P.	25
26	81.0	29.286	-.144	29.142	29.73	23.7	22.7	21	87	.108	27.0	13.6	SE	5			0	10	St	SE	Cloudy		S.P.P.	26
27	55.0	29.588	-.075	29.513	30.11	13.0	12.4	11	88	.066	27.7	12.0	SE	10			T	10	Nb	N	Lt snow		S.P.P.	27
28	88.0	29.465	-.163	29.302	29.89	21.4	19.1	13	67	.074	26.0	13.0	E	16			0	10	Stcu	N	Cloudy		S.P.P.	28
29	75.5	29.429	-.130	29.299	29.89	20.0	17.2	17	88	.059	24.7	20.0	NW	12			T	10	Stcu	NW	Cloudy		S.P.P.	29
30	76.5	29.600	-.133	29.467	30.07	11.0	10.4	8	87	.057	21.6	11.0	W	7			T	1	Cast	NW	Clear		S.P.P.	30
31	84.5	29.644	-.155	29.489	30.09	11.0	10.7	10	94	.063	24.3	11.0	W	4			0	0	0	0	Clear		S.P.P.	31
Sums		(a)	(a)	716.757	735.73	173.7	173.5	100	667	1.668	(a)	(a)	(a)	238	(a)	(a)	.07	180	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.573	30.155	6.2	5.6	3.2	86.0	.054	(a)	(a)	(c) W	7.7	(a)	(a)	(a)	5.8	(c) Stcu	(c) NW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of January, 1912

Number of Station barometer, 597; sum of corrections, -.005 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:00 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1																	0								1
2																	T								2
3																	0								3
4																	T								4
5																	0								5
6																	.01								6
7																	0								7
8																	.01								8
9																	0								9
10																	T								10
11						-4.9											T								11
12																	0								12
13																	0								13
14						13.0											.01								14
15																	0								15
16																	0								16
17																	0								17
18																	T								18
19																	0								19
20																	T								20
21																	0								21
22																	T								22
23																	T								23
24																	0								24
25																	0								25
26						29.0											T								26
27																	T								27
28						24.5											T								28
29						20.2											T								29
30																	T								30
31						28.0											T								31
Sums		(a)	(a)								(a)	(a)	(a)		(a)	(a)	.03		(a)	(a)	(a)	0	0	(a)	(a)
Means		(a)	(a)								(a)	(a)	(c)		(a)	(a)	(a)		(c)	(c)	(a)	(a)	(a)	(a)	(a)

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Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of January, 1912.

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Melted) to date. (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Rain. 7 p.m. to 7 p.m. * ‡‡	Snow. 7 p.m. to 7 p.m. * ‡‡	Hail, sleet, and snow on ground at 7 p.m. * ‡‡	Amount of precipitation [illegible]	
	°	°	°	°	°																In.				In.	In.	In.	In.	
1	16	3	13	10	10	24	-14	-14													0	.08	-.08	-.08	0	0	1.0	0	1
2	11	3	8	3	7	24	-17	-31	Sd	D 11a	8 15a										T	.08	-.08	-.16	0	T	1.0	T	2
3	13	2	11	1	8	24	-16	-47	Sd	7 05p	7 28p										T	.08	-.08	-.24	0	0	1.0	T	3
4	6	-6	12	8	0	24	-24	-71	Sd	9 [illegible]a	10 40a	Sd	1 05p	1 23p	Sd	D 11p	D 11p				T	.08	-.08	-.32	0	T	0.7	T	4
5	4	-12	8	8	-8	24	-32	-103													0	.08	-.08	-.40	0	T	0.8	0	5
6	-6	-14	8	2	-10	24	-34	-137	Sd	D 11a	11 25p										.01	.08	-.07	-.47	0	0.2	1.0	0.01	6
7	-1	-16	15	2	-8	24	-32	-169													0	.08	-.08	-.55	0	0	1.0	0	7
8	3	-3	6	8	0	23	-23	-192	Sd	D 11a	2 15p										.06	.08	-.02	-.57	0	1.4	2.4	.06	8
9	8	-5	13	2	2	23	-21	-213													0	.07	-.07	-.64	0	0	1.0	0	9
10	1	-5	6	4	-2	23	-25	-238	Sd	D 11a	10 25a										T	.07	-.07	-.71	0	0.6	[illegible]	T	10
11	-2	-8	6	3	-5	22	-27	-265	Sd	9 32a	9 50a	Sd	2 08p	4 40p	Sd	6 15p	8 55p				T	.07	-.07	-.78	0	T	2.4	T	11
12	0	-15	15	3	-8	22	-30	-295													0	.07	-.07	-.85	0	T	2.4	0	12
13	15	-11	26	10	2	22	-20	-315													0	.07	-.07	-.92	0	0	2.4	0	13
14	18	1	17	8	10	22	-12	-327	Sd	D 11a	8 45p										.02	.08	-.06	-.98	0	0.5	2.7	.02	14
15	3	-6	9	12	-2	22	-24	-351													0	.08	-.08	[illegible]	0	T	2.4	0	15
16	15	-9	24	5	3	21	-18	-369													0	.08	-.08	1.14	0	0	2.4	0	16
17	33	15	18	21	24	21	+3	-366	Ry Sl	8 30p	D 11p										.03	.08	-.05	1.19	0	0	2.6	0	17
18	28	9	19	6	18	21	-3	-369	Sd	11 58a	12 25p										T	.08	-.08	1.27	T	T	2.4	T	18
19	9	-5	14	16	2	21	-19	-388													0	.08	-.08	1.35	0	0	2.4	0	19
20	21	1	20	9	11	21	-10	-398	Sd	D 11a	10 50a	Sd	12 01p	1 05p	Sd	2 42p	2 50p				T	.08	-.08	1.43	0	0.3	2.5	T	20
21	36	2	34	8	19	21	-2	-400													0	.08	-.08	1.51	0	0	1.4	0	21
22	37	18	21	9	28	21	+7	-393	Sl	8 20a	8 40a										T	.07	-.07	1.58	T	0	T	0	22
23	37	17	18	0	28	21	+7	-386	Sm	12 20p	12 30p										T	.07	-.07	1.65	0	T	T	T	23
24	26	10	16	10	18	21	-3	-389													0	.06	-.06	1.71	0	0	T	0	24
25	27	13	16	3	21	22	-1	-390													0	.05	-.05	1.76	0	0	T	0	25
26	30	23	7	5	26	22	+4	-386	Sd	8 38a	10 45a	Sm	5 15p	6 20p	Sm	6 45p	7 20p				T	.05	-.05	1.81	0	T	T	T	26
27	26	13	13	6	20	22	-2	-388	Sd	D 11a	10 05a										T	.04	-.04	1.85	0	T	T	T	27
28	22	14	8	1	21	22	-1	-387	Sd	6 30p	8 30p										T	.04	-.04	1.87	0	T	T	T	28
29	23	18	5	1	20	22	-2	-391	Sd	7 12a	7 35p										T	.05	-.05	1.94	0	T	T	T	29
30	24	11	13	2	18	22	-4	-395	Sd	11 04a	1 05p										T	.04	-.04	[illegible]	0	T	T	T	30
31	31	10	21	2	20	22	-2	-397	Sm	3 30p	8 05p	Ry Sm	8 08p								* .01		-.04	2.03	0	T	T	.01	31
S	513	73	440	188	293	670	Total excess or deficiency since January 1.		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)		0.13				T	2.5			
M	16.5	2.4	14.2	6.1	9.5		-397		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)										

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sl—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

*. Estimated.

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SUMMARY FOR THE MONTH OF January, 1912.

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.008)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.573			30.064	12"	29.109	8"	0.955	30.185			30.70	12"	29.73	8"	0.97
Corrected mean		29.565						Corrected mean		30.177	3,500-ft.			10,000-ft.	

TEMPERATURE.

MEAN. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
6.2			5.6			16.5	2.4	9.4				39	22"	-16	7"	55	34	21"	5	29"

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative Humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor Pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
3.2			86.0			.054			27	0	31	13

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
6442	~~8.6~~ 5.7	W	26	W	4"	3	5	2	2	0	5	7	7	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (l)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
5.8		5.9	49	10	9	12	0	2	3

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	—	None	None	None	5"	None	None	None	None	16" 22"	None	None	None

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Am't.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Am't.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Am't.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
0.13	.06	8"	—	—	—	—	—	—	14	5	1	0	0.	19	17	4	2.5	T

None recorded. Tipping bucket gage not in use.

(w) Maximum precipitation in 5 minutes _____, date _____; 10 minutes _____, date _____; 15 minutes _____, date _____;

30 minutes _____, date _____; 1 hour _____, date _____; 2 hours _____, date _____

EXCESSIVE.

Date.	Total duration. From—	To—	Total am't of precipitation.	Excessive rate. Began—	Ended—	Am't before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
None Recorded.																				

*The duration is the time precipitation was actually recorded.

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Prepared by S. P. Peterson

S. P. Peterson, Observer, Weather Bureau.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of January, 1912.

Number of Station barometer, 597; sum of corrections, -.005 inch.

Date.	Time. 75th Mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Am't.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date
16	2:40p	1:40p	76.0	29.663	-.132	29.531	30.15	13.0	10.0	-4	17	43	13.0	S	11	—	—	0	10	ast	SW	Cloudy	Kirby	[illegible]	

SPECIAL OBSERVATIONS.

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

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Form No. 1001—Met'l. (1912 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

La Salle, Ill.

For the Month of February, 1912.

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ...; No. of wet thermometer in use, ...; No. of maximum thermometer in use, ...; No. of minimum thermometer in use, ...

† Elevation above ground of the dry thermometer, ... feet; rain gage, ... feet; anemometer, ... feet.

If the office has been moved during the month, give date .....; amount of change in height of barometer, ... feet (higher or lower).

No. of extra barometer, 600; sum of corrections, -.011; date and observation upon which use of station barometer commenced, 8 00 a.m. Nov. 19, 1904; station elevation, 536 feet; actual elevation, 536 feet.

Location of office: Number 221 Gooding street, room 5 210 & 211; first observation taken in present office, 8 00 a.m. Nov. 19, 1904

* Cancel words that are not appropriate.

† To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of February, 1912.

Number of Station barometer, 597; sum of corrections, .005 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE: 7:00 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	72.0	29.350	.120	29.230	29.82	19.6	19.0	18	91	.093	31.0	10.3	W	15			.02	10	Nb	W	Lt snow		S.F.P.	1
2	68.0	29.577	.110	29.467	30.08	1.4	0.9	−3	84	.032	24.7	1.4	W	8			T	1	ast	W	Clear			2
3	64.0	29.544	.099	29.445	30.06	−1.5	−2.8	−6	75	.028	7.3	−2.9	SE	5			T	10	Nb	NE	Snow			3
4	75.0	29.807	.130	29.677	30.30	−1.1	−6.5	−10	83	.022	3.4	−6.6	SW	16			0	0	0	0	Clear		S.F.P.	4
5	76.5	29.805	.134	29.671	30.29	2.6	2.2	1	89	.040	10.4	−6.1	W	5			0	10	cst	W	Cloudy		S.F.P.	5
6	73.5	29.847	.126	29.721	30.33	13.0	12.3	10	86	.063	16.3	2.6	W	7			T	10	Nb	W	Lt snow			6
7	80.0	29.564	.142	29.422	30.02	21.6	20.9	19	90	.098	21.6	12.6	SW	7			T	10	st	SW	Cloudy			7
8	70.0	29.745	.116	29.629	30.24	1.8	1.3	−1	85	.036	23.1	1.8	W	7			0	few	cst	W	Clear		S.F.P.	8
9	62.5	29.667	.096	29.571	30.19	−3.0	−3.4	−6	85	.028	10.5	−3.0	W	4			0	0	0	0	Clear		S.F.P.	9
10	80.0	29.719	.143	29.576	30.20	−2.8	−3.3	−7	81	.026	9.1	−3.0	SE	4			0	0	0	0	Clear			10
11	77.0	29.389	.134	29.255	29.86	23.0	20.2	13	62	.074	23.0	−2.8	S	4			0	10	Stcu	SW	Cloudy		S.F.P.	11
12	56.0	29.745	.078	29.667	30.27	15.3	14.4	12	84	.070	34.0	15.3	N	7			T	10	Nb	N	Lt snow			12
13	79.0	30.035	.142	29.893	30.51	5.8	5.4	4	90	.047	21.9	5.4	NE	7			0	2	Cist	W	Clear		S.F.P.	13
14	78.0	29.909	.139	29.770	30.38	25.3	24.8	24	94	.124	28.0	5.8	W	1			.06	10 Lt	st fog	W W	Cloudy			14
15	85.0	29.679	.156	29.523	30.12	30.6	29.6	28	89	.150	33.3	25.3	SW	5			0	10	st	SW	Cloudy		S.F.P.	15
16	83.0	29.492	.150	29.342	29.93	27.7	27.6	28	99	.150	34.0	27.5	W	2			0	10 Lt	st fog	W W	Cloudy			16
17	89.0	29.364	.165	29.199	29.79	28.0	28.0	28	100	.150	32.6	27.0	SE	5			0	Dense fog		SE	Foggy			17
18	75.0	29.347	.133	29.114	29.69	32.2	32.2	32	100	.180	50.3	28.0	SW	2			0	Dense fog		W	Foggy		S.F.P.	18
19	66.0	29.459	.105	29.354	29.94	29.3	28.4	27	90	.143	48.4	27.3	NW	3			0	few	Ci	W	Clear			19
20	71.0	29.747	.119	29.628	30.23	26.0	24.2	21	78	.108	39.7	26.0	N	7			0	10	cst	W	Cloudy			20
21	68.5	29.239	.110	29.129	29.72	24.0	23.6	23	95	.118	32.8	24.0	NE	16			T	10	Nb	NE	Lt snow		S.F.P.	21
22	73.0	29.490	.123	29.367	29.97	10.0	9.1	6	81	.052	24.0	10.0	W	14	25	NW	T	0	0	0	Clear		S.F.P.	22
23	77.0	29.533	.134	29.399	30.00	27.0	24.2	19	67	.098	30.4	10.0	SW	15			0	4	cst	SW	Cloudy			23
24	80.5	29.631	.144	29.487	30.08	36.7	33.7	30	74	.164	43.0	27.0	S	2			0	10	cst	SW	Cloudy			24
25	80.0	29.777	.143	29.634	30.24	35.0	34.3	34	93	.195	41.0	35.0	[illegible]	4			T	10	st	[illegible]	Cloudy		S.F.P.	25
26	49.0	28.888	.029	28.859	29.41	28.6	27.8	26	91	.136	37.4	4.8	NE	15	33	NE	.38	10	Nb	NE	Lt snow		S.F.P.	26
27	74.0	29.585	.126	29.459	30.06	3.0	2.5	0	86	.038	28.6	3.0	W	5			0	0	0	0	Clear		S.F.P.	27
28	81.0	29.715	.146	29.569	30.18	14.0	13.2	11	85	.066	26.0	3.0	W	7			0	few	cst	W	Clear			28
29	79.0	29.953	.142	29.811	30.42	7.4	6.2	0	71	.038	25.0	7.4	W	6			0	0	0	0	Clear			29
30																								30
31																								31
Sums	(a)	(a)		854.855	872.33	475.5	450.0	351	2478	2.367	(a)	(a)	(a)	213	(a)	(a)	0.46	162	(a)	(a)	(a)		(a)	(a)
Means	(a)	(a)		29.478	30.080	16.4	15.5	13.1	85.4	.089	(a)	(a)	(a) N	7.4	(a)	(a)	(a)	5.6	(a) cst	(a) W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of February, 1912.

Number of Station barometer, 597; sum of corrections, -.005 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:00 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1						19.0											.04								1
2																	0								2
3																	T								3
4						9.0											T								4
5																	T								5
6																	T								6
7																	T								7
8																	0								8
9																	0								9
10																	0								10
11																	0								11
12																	T								12
13						2.0											T								13
14																	0				B Dla E 10:00a				14
15																	0								15
16																	T				B Dla				16
17																	0				E Dla B Dla B 9:00a E 11:00a E 9:00a				17
18																	T				B 8:00a B Dla E 10:00a E 8:00a				18
19																	0								19
20																	0								20
21						19.0											.15								21
22																	0								22
23																	0								23
24																	.06								24
25																	0								25
26																	.03								26
27																	0								27
28																	0								28
29																	0								29
30																									30
31																									31
Sums		(a)	(a)								(a)	(a)	(a)		(a)	(a)	0.28		(a)	(a)	(a)	4	2	(a)	(a)
Means		(a)	(a)								(a)	(a)	(c)		(a)	(a)	(a)		(c)	(c)	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of February, 1912

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. * ‡‡	Snow unmelted. 7 p.m. to 7 p.m. * ‡‡	Hail, sleet, and snow on ground at 7 p.m. * ‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1	28	12	16	0	20	22	-2	-2	R, S*		D Ma	S^d	D Ma	D Mp							*.05	.05	±0	±0	0	1.6	1.6	*.05	1
2	12	-2	14	15	5	22	-17	-19													0	.06	-.06	-.06	0	T	T		2
3	3	-7	10	7	-2	22	-24	-43	S^d	D Ma	10^05 a										T	.07	-.07	-.13	0	T	1.4	T	3
4	10	-7	17	4	2	23	-21	-64	S^d	11^00 a	6^10 p										T	.08	-.08	-.21	0	0.2	1.6	T	4
5	16	1	15	6	8	23	-15	-79	S^d	7^15 a	12^30 p										T	.08	-.08	-.29	0	T	1.3	T	5
6	20	12	8	8	16	23	-7	-86	S^d	D Ma	12^20 p	S^d	2^18 p	S^d	5^10 p						T	.09	-.09	-.38	0	T	1.2	T	6
7	23	9	14	0	16	23	-7	-93	S^d	D Ma	6^15 a	S^d	7^30 a	S^d	5^25 a						T	.09	-.09	-.47	0	T	0.4	T	7
8	10	2	8	10	6	23	-17	-110													0	.09	-.09	-.56	0	0	0.4	0	8
9	9	-3	12	3	3	23	-20	-130													0	.09	-.09	-.65	0	0	0.4	0	9
10	20	-3	23	5	8	24	-16	-146													0	.09	-.09	-.74	0	0	0.3	0	10
11	34	18	16	18	26	24	+2	-144													0	.09	-.09	-.83	0	0	T	0	11
12	22	8	14	11	15	24	-9	-153	S^d	D Ma	10^35 a										T	.10	-.10	-.93	0	T	T	T	12
13	28	5	23	1	16	24	-8	-161	S^d	6^10 p	---										*.05	.10	-.05	-.98	0	0.1	0.1	*.05	13
14	33	24	9	12	28	24	+4	-157	S^d	---	D Ma										*.01	.10	-.09	-1.07	0	0.9	0.6	*.01	14
15	34	30	4	4	32	25	+7	-150													0	.10	-.10	-1.17	0	0	0.1	0	15
16	33	27	6	2	30	25	+5	-145	R	7^15 a	9^45 a										T	.10	-.10	-1.27	0	0	T	0	16
17	50	28	22	9	39	25	+14	-131													0	.10	-.10	-1.37	0	0	0	0	17
18	48	31	17	1	40	25	+15	-116	R	3^20 p	3^45 p										T	.09	-.09	-1.46	0	0	0	0	18
19	40	29	11	6	34	26	+8	-108													0	.09	-.09	-1.55	0	0	0	0	19
20	33	26	7	4	30	26	+4	-104													0	.09	-.09	-1.64	0	0	0	0	20
21	27	19	8	7	23	26	-3	-107	S^d	D Ma	8^10 p										.15	.09	+.06	-1.58	0	2.5	2.5	.15	21
22	27	10	17	5	18	27	-9	-116													0	.09	-.09	-1.67	0	T	1.5	0	22
23	43	27	16	17	35	27	+8	-108													0	.09	-.09	-1.76	0	0	0	0	23
24	41	25	6	3	33	28	+10	-98	R	7^50 a	10^30 a	R	11^45 a	12:23 p	R	3^05 p	3^40 p	R	7^10 p	8^05 p	.06	.09	-.03	-1.79	0	0	0	0	24
25	37	29	8	5	33	28	15	-93	S^m	2^10 p	---										*.08	.09	-.01	-1.80	0	0	0	*.08	25
26	29	11	18	13	20	27	-7	-102	S^m	---	11^05 a	S^d	12^24 p	6^05 p							*.33	.08	+.25	-1.55	0	4.7	4.7	*.33	26
27	26	3	23	6	14	27	-15	-117													0	.08	-.08	-1.63	0	0	4.0	0	27
28	26	14	12	6	20	30	-10	-127													0	.08	-.08	-1.71	0	0	3.0		28
29	18	7	11	8	12	30	-18	-145													0	.08	-.08	-1.79	0	0	2.5		29
30																													30
31																													31
S	780	295	35.5	176	555		Total excess or deficiency since January 1, -542		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	2.73		Total excess or deficiency since January 1, -3.12		(a)	(a)	(a)	(a)	(a)
M	26.0	13.6	13.3	6.8	20.2	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: L—rain, S^w—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

*Estimated.

SUMMARY FOR THE MONTH OF February, 1912

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.011)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.475			29.893	13"	28.829	26"	1.064	30.080			30.51	13"	29.41	26"	1.10
Corrected mean		29.467						Corrected mean		30.069	3,500-ft			10,000-ft	

TEMPERATURE.

MEAN. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
16.4			15.5			26.9	13.6	20.2				50	17"	-7	4"	57	23	10"	4	15"

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative Humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor Pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
13.1			85.4			.089			18	0	28	5

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
6360	9.1	W	33	NE	26"	3	4	0	2	2	5	11	2	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
5.6		6.6	53	7	8	14	0	0	7

MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	—	None	None	4"-22"	2"-4" 28"	14"-16" 17"-18"	17"-18"	None	None	None	None	None	None

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Am't.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Am't.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Am't.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
0.73	0.41	25"-26"	—	—	—	—	—	—	8	7	6	1	0	15	12	6	10.0	2.5

(w) Maximum precipitation in 5 minutes None recorded. Tipping bucket gage not in use., date ; 10 minutes , date ; 15 minutes , date ;

30 minutes , date ; 1 hour , date ; 2 hours , date

EXCESSIVE.

Date.	Total Duration. From—	To—	Total am't of precipitation.	Excessive Rate. Began—	Ended—	Am't before excessive began.	Accumulated Depths during Excessive Rate, for Consecutive Periods of Time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
None recorded. Tipping bucket gage not in use.																				

*The duration is the time precipitation was actually recorded.

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Prepared by S. P. Peterson S. P. Peterson, Observer, Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of February, 1912.

Number of Station barometer, 597; sum of corrections, -.005 inch.

Date.	Time. 75th Mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity.†	Wind. Max. since last observation.	Wind. Direction.	Precipitation.††	Clouds. Am't.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer	Date.
26	5:00 p.m.	4:00 p.m.	15.5	1.265	-129	29.136	29.7[illegible]	19.3	17.7	14	5	78	28.6	NW	22	28	NW	.03	10	1 R	NW	Fr snow	[illegible]	[illegible]	

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

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Form No. 1001—Met'l. (1912 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

La Salle, Ills.

For the Month of March, 1912.

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ...; No. of wet thermometer in use, ...; No. of maximum thermometer in use, ...; No. of minimum thermometer in use, ...

† Elevation above ground of the dry thermometer, ... feet; rain gage, ... feet; anemometer, ... feet.

If the office has been moved during the month, give date —; amount of change in height of barometer, — feet (higher or lower).

No. of extra barometer, 600; sum of corrections, -.011; date and observation upon which use of station barometer commenced, 8 00 am Nov. 19, 1904; station elevation, 536 feet; actual elevation, 536 feet.

Location of office: Number 221 Gooding street, rooms 210 & 211; first observation taken in present office, 8 00 a. m. Nov. 19, 1904

* Cancel words that are not appropriate.

† To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of March, 1912

Number of Station barometer, 597; sum of corrections, -.005 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90° MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:04 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	72.0	30.145	.124	30.021	30.64	2.3	1.9	0	88	.038	18.0	2.3	W	7			0	few	ci st	W	Clear		S.P.P.	1
2	71.5	30.240	.122	30.118	30.74	5.3	4.3	-1	74	.036	17.6	2.3	NE	5			0	10	a st	W	Cloudy		S.P.P.	2
3	63.5	30.024	.100	29.924	30.54	14.5	14.0	12	91	.070	17.2	5.3	NE	15			.09	10	Nb	NE	Lt snow		S.P.P.	3
4	84.0	30.073	.155	29.918	30.53	12.0	11.0	8	80	.057	24.4	11.7	NE	7			0	3	ci st	W	Clear		S.P.P.	4
5	66.0	30.187	.107	30.080	30.69	8.6	7.9	5	84	.049	23.3	8.0	NE	12			0	1	ci st	W	Clear		S.P.P.	5
6	71.0	29.936	.120	29.816	30.43	6.0	5.7	4	92	.047	25.8	6.0	NE	4			0	3	ci st	W	Clear		S.P.P.	6
7	76.0	29.718	.132	29.586	30.19	19.0	18.3	16	90	.085	32.2	6.0	NE	5			0	4 5	ci st a st	W W	Cloudy		S.P.P.	7
8	80.5	29.708	.144	29.564	30.16	30.0	28.0	25	78	.130	34.4	19.0	NW	8			0	10	a st	W	Cloudy		[illegible]	8
9	73.0	29.998	.125	29.873	30.48	11.0	10.1	6	81	.052	32.3	11.0	W	3			0	0	0	0	Clear		S.P.P.	9
10	75.0	29.955	.131	29.824	30.43	10.4	10.1	7	94	.060	27.0	10.4	W	5			0	few	ci st	W	Clear		S.P.P.	10
11	81.5	29.609	.146	29.463	30.06	24.3	24.1	24	98	.124	30.0	10.4	E	10			.03	10	Nb	E	Lt snow		[illegible]	11
12	76.0	29.488	.131	29.357	29.96	26.7	25.7	24	88	.124	30.6	24.3	NE	16			.03	10	st cu	NE	Cloudy		S.P.P.	12
13	79.5	29.716	.142	29.574	30.17	18.0	17.8	17	97	.089	34.8	18.0	NW	2			0	10	st	W	Cloudy		[illegible]	13
14	81.0	29.628	.146	29.482	30.08	29.7	28.3	26	85	.136	35.6	17.8	E	9			0	10	st	E	Cloudy		S.P.P.	14
15	66.5	29.311	.105	29.206	29.80	22.4	21.6	20	89	.103	34.2	22.4	NE	16			.16	10	Nb	NE	Hvy snow		S.P.P.	15
16	68.5	29.798	.112	29.686	30.29	10.3	9.9	8	91	.057	25.7	8.3	SE	3			0	few	ci st	W	Clear		[illegible]	16
17	82.0	29.595	.148	29.447	30.05	39.0	35.7	31	74	.172	39.8	10.3	S	9			0	2 2	ci ci st	W W	Pt Cldy		S.P.P.	17
18	80.5	29.785	.145	29.640	30.23	29.2	28.4	27	91	.143	50.0	29.0	SW	4			0	3	ci st	SW	Clear		[illegible]	18
19	82.0	29.503	.147	29.356	29.95	37.0	36.0	35	91	.203	48.7	29.2	SW	5			0	8	a st	W	Cloudy		[illegible]	19
20	57.0	29.819	.082	29.737	30.33	24.2	22.2	18	74	.093	54.7	24.2	NE	22	27	NE	T	10	st cu	NE	Cloudy		[illegible]	20
21	75.0	29.683	.130	29.553	30.15	21.6	20.2	17	80	.089	24.2	18.0	N	10	27	NE	.11	10	st cu	N	Cloudy		[illegible]	21
22	49.0	30.017	.060	29.957	30.57	11.7	11.3	10	92	.063	27.0	11.7	N	3			0	0	0	0	Clear		S.P.P.	22
23	60.0	29.810	.090	29.720	30.32	26.0	24.7	22	84	.113	30.0	11.7	E	4			0	10	a st	W	Cloudy		[illegible]	23
24	55.0	29.450	.075	29.375	29.98	30.4	28.0	24	74	.124	35.8	26.0	NE	18			0	10	st cu	NE	Cloudy		S.P.P.	24
25	47.5	29.613	.056	29.557	30.16	24.5	22.8	19	78	.098	34.0	23.7	SW	4			0	3 2	ci st a st	W W	Pt Cldy		S.P.P.	25
26	58.0	29.436	.083	29.353	29.95	34.0	33.0	32	90	.180	39.0	24.5	N	6			0	0	0	0	Clear		[illegible]	26
27	63.0	29.615	.097	29.518	30.11	32.4	31.4	30	90	.164	42.6	31.2	N	2			0	6 4	ci st a st	W W	Cloudy		[illegible]	27
28	64.0	29.458	.099	29.359	29.95	34.0	33.2	32	92	.180	44.6	32.4	E	4			T	10	[illegible]	E	Lt rain		[illegible]	28
29	61.0	29.176	.090	29.086	29.67	38.5	35.2	31	73	.172	42.8	34.0	N	7			0	1	[illegible]	W	Clear		[illegible]	29
30	57.0	29.728	.087	29.641	30.23	27.3	28.1	26	87	.136	43.2	27.4	SE	5			0	10	a st	W	Cloudy		[illegible]	30
31	66.5	29.570	.106	29.484	30.07	47.8	46.2	43	76	.277	51.9	27.3	SW	14			0	1	ci st	W	Clear		[illegible]	31
Sums	(a)	(a)		918.277	936.91	712.1	675.1	600	2646	3.464	(a)	(a)	(a)	246	(a)	(a)	0.42	190	(a)	(a)	(a)		(a)	(a)
Means	(a)	(a)		29.622	30.223	23.0	21.8	19.4	85.4	.112	(a)	(a)	(c) NE	7.9	(a)	(a)	(a)	6.1	(c) ci st	(c) W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of March, 1912

Number of Station barometer, 597; sum of corrections, -.005 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90° MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:04 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1																	0								1
2						16.4											.01								2
3																	T								3
4																	T								4
5																	0								5
6																	0								6
7																	T								7
8																	T								8
9																	0								9
10																	0								10
11						29.8											.22								11
12																	T								12
13																	0								13
14						30.6											.29								14
15																	.04								15
16																	0								16
17																	0								17
18																	0								18
19																	0								19
20						21.0											.49								20
21																	T								21
22																	0								22
23																	0								23
24																	0								24
25																	0								25
26																	0								26
27																	0								27
28																	T								28
29																	0								29
30																	0								30
31																	0								31
Sums		(a)	(a)								(a)	(a)	(a)		(a)	(a)	1.05		(a)	(a)	(a)	0	0	(a)	(a)
Means		(a)	(a)								(a)	(a)	(c)		(a)	(a)	(a)		(c)	(c)	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of March, 1912.

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character.‡	Beginning.	Ending.	Character.‡	Beginning.	Ending.	Character.‡	Beginning.	Ending.	Character.‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. * ‡‡	Snow unmelted. 7 p.m. to 7 p.m. * ‡‡	Hail, sleet, and snow on ground at 7 p.m. * ‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1	18	2	16	2	10	30	-20	-20													0	.09	-.09	-.09	0	0	2.4	0	1
2	17	5	12	1	11	30	-19	-39	Sd	3 07 p	---										*.05	.09	-.04	-.13	0	0.4	2.8	*.05	2
3	24	14	10	8	19	31	-12	-51	Sd	---	11 05 a										*.05	.09	-.04	-.17	0	2.5	4.7	*.05	3
4	33	11	12	2	17	31	-14	-65	Sd	9 08 a	2 15 p										T	.09	-.09	-.26	0	T	3.8	T	4
5	26	8	18	0	17	32	-15	-80													0	.09	-.09	-.35	0	0	3.2	0	5
6	32	6	26	2	19	32	-13	-93													0	.09	-.09	-.44	0	0	1.4	0	6
7	34	16	18	6	25	[illegible]	-7	-100	Sd	7 50 a	8 09 a										T	.09	-.09	-.53	0	T	0.7	T	7
8	32	19	13	1	26	33	-7	-107	Sm	10 37 a	12 14 p										T	.09	-.09	-.62	0	T	0.5	T	8
9	27	11	16	7	19	33	-14	-121													0	.08	-.08	-.70	0	0	0.4	0	9
10	30	10	20	1	20	34	-14	-135													0	.08	-.08	-.78	0	0	0.2	0	10
11	31	24	7	8	28	34	-6	-141	Sm	D 11 a	---										*.27	.07	+.20	-.58	0	3.4	3.6	*.27	11
12	35	21	14	0	28	35	-7	-148	Sm	---	D 11 a	Sm	7 10 a	8 24 a							*.01	.07	-.06	-.64	0	0.6	0.6	*.01	12
13	36	18	18	1	27	35	-8	-156													0	.07	-.07	-.71	0	0	T	0	13
14	34	29	5	5	32	36	-4	-160	Sm	12 06 p	---										*.37	.07	+.30	-.41	0	3.0	3.0	*.37	14
15	31	14	17	10	22	[illegible]	-14	-174	Sm	---	12 40 p										*.1[illegible]	[illegible]	+.04	[illegible]	0	[illegible]	3.7	*.1[illegible]	15
16	40	8	32	2	24	37	-13	-187													0	.08	-.08	-.45	0	0	0.8	0	16
17	50	34	16	18	42	37	+5	-182													0	.08	-.08	-.53	0	0	T	0	17
18	47	27	20	3	39	38	+1	-181													0	.08	-.08	-.61	0	0	0	0	18
19	55	33	22	5	44	38	+6	-175													0	.08	-.08	-.69	0	0	0	0	19
20	33	18	15	18	26	39	-13	-188	R	D 11 a	D 11 a	Sd	7 10 a	1 55 p	Sd/Sd	1 55 p	2 15 p	Se	2 15 p	---	*.58	.09	+.49	-.20	*0.5	*2.7	3.2	*.26	20
21	27	21	6	2	24	39	-15	-2[illegible]	Se	---	D 11 a	Sd	7 18 a	7 [illegible] a							*.02	.09	-.07	-.27	*0.2	T	2.2	T	21
22	30	12	18	3	21	40	-19	-222													0	.10	-.10	-.37	0	0	[illegible]	[illegible]	22
23	36	23	13	9	30	40	-10	-232													0	.11	-.11	-.48	0	0	0.4	0	23
24	34	26	8	0	30	41	-11	-243													0	.11	-.11	-.59	0	0	T	[illegible]	24
25	37	24	15	2	32	41	-9	-252													0	.11	-.11	-.70	0	0	0	0	25
26	43	32	11	6	38	42	-4	-256													0	.11	-.11	-.81	0	0	0	0	26
27	45	31	14	0	38	42	-4	-260													0	.11	-.11	-.92	0	0	0	0	27
28	43	33	10	0	38	42	-4	-264	R	6 05 a	8 10 a	R	10 14 a	1 20 p							T	.11	-.11	-1.03	0	0	0	0	28
29	43	28	15	2	36	43	-7	-271													0	.11	-.11	-1.14	0	[illegible]	0	0	29
30	50	27	23	2	38	43	-5	-276													0	.11	-.11	-1.25	0	0	0	0	30
31	62	33	29	10	48	44	+4	-272													0	[illegible]	-.10	-1.3[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	31
S.	1109	620	487	136	868	1140	Total excess or deficiency since January 1, -814		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	1.47	[illegible]	Total excess or deficiency since January 1, -5.17	0.7	15.5	(a)	(a)	(a)	
M.	35.8	20.0	15.8	4.4	28.0	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)		(a)	(a)	(a)	(a)	(a)	

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

*. Estimated.

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SUMMARY FOR THE MONTH OF March, 1912

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.018)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.622			30.118	2"	29.086	29"	1.032	30.223			30.74	2"	29.67	29"	1.07
Corrected mean		29.604						Corrected mean		30.205	3,500-ft			10,000-ft	

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
23.0			21.8			35.8	20.0	27.9				62	31"	2	1"	60	32	16"	5	14"

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
19.4			85.4			.112			11	0	27	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
6450	8.7	NE	32	NE	20"	2	10	4	2	1	4	6	2	0

WEATHER.

Mean cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
6.1		5.9	59	5	17	9	0	4	4

MISCELLANEOUS PHENOMENA.

Dates of—(midnight to midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	—	None	None	4"-16"	None	None	None	None	None	None	None	None	None

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Am't.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Am't.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Am't.	Duration. h. m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
1.47	0.60	20" 21"	—	—	—	—	—	—	4	8	6	3	0	12	11	7	15.8	0

None recorded. ϕ

(w) Maximum precipitation in 5 minutes _____, date _____; 10 minutes _____, date _____; 15 minutes _____, date _____;

30 minutes _____, date _____; 1 hour _____, date _____; 2 hours _____, date _____

EXCESSIVE.

Date.	Total duration. From—	To—	Total am't of precipitation.	Excessive rate. Began—	Ended—	Am't before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
None recorded. ϕ																				

ϕ The tipping bucket was installed at 4:15 pm on the 27th.

*The duration is the time precipitation was actually recorded.

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Prepared by S. P. Peterson

S. P. Peterson, Observer, Weather Bureau.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of March, 1912.

Number of Station barometer, 597; sum of corrections, .005 inch.

Date.	Time. 75th Mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Am't.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date
20th	2:40p	1:40p	72.5	29.639	.123	29.516	30.12	18.0	17.8	17	1	97	24.2	NE	25	[illegible]	[illegible]	.24	10	Nb	NE	Hvy Snow	Robinds	S.H.	20th
28th	2:40p	1:40p	71.0	29.281	.117	29.164	29.74	42.0	39.5	36	6	81	42.8	NE	11	—	—	T	10	St	NE	Cloudy	Rirby	[illegible]	[illegible]

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

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Form No. 1001—Met'l. (1912 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

La Salle, Ill.

For the Month of April, 1912.

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ...; No. of wet thermometer in use, ...; No. of maximum thermometer in use, ...; No. of minimum thermometer in use, ...

† Elevation above ground of the dry thermometer, ... feet; rain gage, ... feet; anemometer, ... feet.

If the office has been moved during the month, give date —; amount of change in height of barometer, — feet (higher or lower).

No. of extra barometer, 600; sum of corrections, -.011; date and observation upon which use of station barometer commenced, 8 a.m. Nov. 19, 1904; station elevation, 536 feet; actual elevation, 536 feet.

Location of office: Number 221 Gooding street, rooms 210 & 211; first observation taken in present office, 8 a. m. Nov. 19, 1904

* Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle Co, Ill., for the Month of April, 1912.

Number of Station barometer, 597; sum of corrections, -.005 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.50 A. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.04 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	57.0	29.449	-.081	29.368	29.95	32.7	32.2	32	95	.180	61.8	32.0	NE	14			.24	10	Nb	NE	Hvy rain		S.P.P.	1
2	63.5	29.286	-.098	29.188	29.77	36.1	33.9	31	80	.172	40.9	32.7	N	7			0	10	Ast	W	Clear & dy		S.P.P.	2
3	63.0	29.760	-.098	29.662	30.25	32.7	31.0	28	83	.150	49.3	31.3	S	3			0	few	Cist	W	Clear		S.P.P.	3
4	66.0	29.729	-.105	29.624	30.21	44.0	40.8	37	76	.219	53.1	32.7	SW	10			0	1	Cist	W	Clear		S.P.P.	4
5	72.5	29.521	-.122	29.399	29.97	52.4	46.9	41	66	.256	71.6	44.0	SW	14			0	few	Cist	W	Clear		S.P.P.	5
6	74.0	29.292	-.125	29.167	29.73	58.4	54.0	51	75	.373	72.8	52.4	SW	10			0	4 5	Cist Ast	W SW	Cloudy		S.P.P.	6
7	63.0	29.679	-.097	29.582	30.16	36.5	32.8	27	68	.143	71.7	35.9	NW	17	29	W	0	2	Stcu	NW	Clear		S.P.P.	7
8	59.5	29.892	-.089	29.803	30.40	42.4	36.3	28	55	.150	49.0	36.5	SW	12			0	few	Cist	W	Clear		S.P.P.	8
9	71.0	29.563	-.118	29.445	30.02	48.5	42.0	34	58	.195	60.0	42.4	SW	15			0	few	Cist	W	Clear		S.P.P.	9
10	64.0	29.600	-.099	29.501	30.08	38.2	35.9	33	81	.187	68.0	36.2	NE	5			T	0	0	0	Clear		S.P.P.	10
11	75.0	29.565	-.129	29.439	30.02	50.1	47.7	45	85	.298	67.6	38.2	S	2			0	1	Cist	NW	Clear		S.P.P.	11
12	74.0	29.405	-.126	29.279	29.84	58.0	55.7	54	87	.417	72.8	50.1	W	1			0	2 2	Cist Ast	W W	Ptcldy		S.P.P.	12
13	63.5	29.356	-.098	29.258	29.82	48.0	48.0	48	100	.334	68.0	44.8	E	10			0	0 Dense	fog	E	Foggy		S.P.P.	13
14	71.0	29.177	-.117	29.060	29.62	56.0	54.0	53	88	.402	69.2	48.0	S	5			.06	few	Cist	W	Clear		S.P.P.	14
15	69.0	29.372	-.112	29.260	29.82	54.4	47.4	40	59	.247	74.4	54.0	SW	18	26	SW	0	0	0	0	Clear		S.P.P.	15
16	68.5	29.645	-.112	29.533	30.11	44.0	41.3	39	80	.237	60.4	40.3	NW	5			0	1 3	Ci Stcu	W NW	Ptcldy		S.P.P.	16
17	61.5	29.477	-.093	29.384	29.97	34.7	33.2	31	86	.172	57.0	34.7	NE	18			T	10	Nb	E	Lt rain		S.P.P.	17
18	55.5	29.352	-.076	29.276	29.87	31.4	30.9	30	95	.164	35.0	31.2	NW	12			.11	10	Nb	NW	Lt snow		S.P.P.	18
19	61.5	29.643	-.093	29.550	30.14	35.3	33.0	30	77	.164	42.0	31.3	W	2			0	1	Cist	W	Clear		S.P.P.	19
20	62.5	29.606	-.095	29.511	30.10	38.0	35.6	32	80	.180	53.3	35.3	NE	5			0	4 4	Ast Acu	SW SW	Cloudy		S.P.P.	20
21	63.0	29.334	-.096	29.238	29.81	52.3	49.8	47	84	.322	60.5	38.0	S	12			T	10	Nb	S	Lt rain		S.P.P.	21
22	63.0	29.214	-.096	29.118	29.68	43.4	42.4	41	92	.256	69.2	43.4	W	14			T	10	St	W	Mist & fog		S.P.P.	22
23	64.5	29.786	-.102	29.684	30.26	40.3	36.9	32	73	.180	56.4	36.2	NW	3			0	0	0	0	Clear		S.P.P.	23
24	77.0	29.791	-.135	29.656	30.24	51.7	47.3	43	73	.277	65.3	40.3	W	9			0	few	Cist	W	Clear		S.P.P.	24
25	67.0	29.787	-.106	29.681	30.25	53.3	47.3	41	64	.256	66.7	48.8	SE	14			0	3 3	Cist Acu	W W	Ptcldy		S.P.P.	25
26	69.0	29.244	-.112	29.132	29.69	57.2	55.5	53	80	.402	69.0	53.3	SW	28	[illegible]	[illegible]	.16	2 1	Cist Cist	W W	Clear		S.P.P.	26
27	63.5	29.528	-.104	29.424	30.09	40.0	37.0	33	76	.187	72.8	37.4	E	7			0	0	0	0	Clear		S.P.P.	27
28	60.5	29.623	-.090	29.533	30.11	42.4	40.2	38	83	.228	61.8	40.0	E	12			T	10	Nb	E	Lt rain		S.P.P.	28
29	51.0	29.228	-.064	29.164	29.74	41.7	40.7	40	94	.247	46.0	40.2	NE	16			.09	10	Nb	NE	Lt rain & fog		S.P.P.	29
30	63.0	29.617	-.11[illegible]	29.5[illegible]	30.11	40.0	37.2	[illegible]	78	.187	57.0	34.7	NE	8			0	1	Cist	W	Clear		S.P.P.	30
31																								31
Sums	(a)	(a)	(a)	882.739	900.03	1336.1	1247.1	1145	2373	7.182	(a)	(a)	(a)	308	(a)	(a)	0.66	117	(a)	(a)	(a)		(a)	(a)
Means	(a)	(a)	(a)	29.425	30.001	44.5	41.6	38.2	79.1	.239	(a)	(a)	(c) SW	10.3	(a)	(a)	(a)	4.1	(c) Cist	(c) W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of April, 1912.

Number of Station barometer, 597; sum of corrections, -.005 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.04 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1																	.10								1
2																	T								2
3																	0								3
4																	0								4
5																	0								5
6																	.14								6
7																	0								7
8																	0								8
9																	0								9
10																	0								10
11																	0								11
12																	0								12
13																	T					B 7.40a Σ 10:50a	B 7.40a Σ 7.40a		13
14																	0								14
15																	0								15
16																	0								16
17						32.6											.81								17
18																	.01								18
19																	0								19
20																	0								20
21																	.06								21
22																	T								22
23																	0								23
24																	0								24
25																	T								25
26																	0								26
27																	0								27
28						41.8											1.20								28
29																	T								29
30																	0								30
31																									31
Sums		(a)	(a)								(a)	(a)	(a)		(a)	(a)	2.32		(a)	(a)	(a)	1	1	(a)	(a)
Means		(a)	(a)								(a)	(a)	(c)		(a)	(a)	(a)		(c)	(c)	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of April, 1912.

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character.‡	Beginning.	Ending.	Character.‡	Beginning.	Ending.	Character.‡	Beginning.	Ending.	Character.‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. ⅞ p.m. to ⅞ p.m. * ‡‡	Snow unmelted. ⅞ p.m. to ⅞ p.m. ‡‡	Hail, sleet, and snow on ground at ⅞ p.m. * ‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date
	°	°	°	°	°																In.				In.	In.	In.	In.	
Cloudy 1	41	32	9	12	36	44	−8	−8	R	DNa	7 25 a	R	7 50 a	8 48 a							.34	.09	+.25	+.25	0	0	0	0	1
2	47	33	16	5	41	45	−4	−12	R	1 18 p	1 29 p	R	1 50 p	2 10 p							T	.09	−.09	+.16	0	0	0	0	2
3	53	31	22	1	42	45	−3	−15													0	.08	−.09	+.07	0	0	0	0	3
4	72	41	31	14	56	46	+10	−5													0	.09	−.09	−.02	0	0	0	0	4
5	73	51	22	6	62	46	+16	+11													0	.09	−.09	−.11	0	0	0	0	5
6	72	42	30	5	57	46	+11	+22	R	9 53 a	10 48 a	R	3 07 p	3 32 p							.14	.09	+.05	−.06	0	0	0	0	6
7	49	36	13	05	42	47	−5	+17													0	.09	−.09	−.15	0	0	0	0	7
8	60	39	21	8	50	47	+3	+20													0	.09	−.09	−.24	0	0	0	0	8
9	68	45	23	6	56	47	+9	+29	R	7 05 p	8 50 p										T	.09	−.09	−.33	0	0	0	0	9
10	68	36	32	4	52	48	+4	+33													0	.09	−.09	−.42	0	0	0	0	10
11	73	49	24	9	61	48	+13	+46													0	.10	−.10	−.52	0	0	0	0	11
12	68	46	22	4	57	49	+8	+54													0	.10	−.10	−.62	0	0	0	0	12
13	69	45	24	0	57	49	+8	+62	R	7 15 a	9 30 a										T	.10	−.10	−.72	0	0	0	0	13
14	74	55	19	7	64	49	+15	+77	R	DNa	DNa										.06	.10	−.04	−.76	0	0	0	0	14
15	65	46	19	8	56	50	+6	+83													0	.10	−.10	−.86	0	0	0	0	15
16	51	38	13	12	44	50	−6	+77													0	.10	−.10	−.96	0	0	0	0	16
17	38	32	6	9	35	50	−15	+62	R	5 30 a	10 53 a	R* Sl.	10 53 a	11 34 a	5 00 a	11 34 a	2 30 p	5 00 a	2 30 p	- - -	.87*	.10	+.77	.19	0.2*	4.3*	4.5	.53*	17
18	42	31	11	1	36	51	−15	+47	5 00	- - -	10 20 a										.06*	.11	−.05	−.24	0	1.2	T	.06*	18
19	53	31	22	6	42	51	−9	+38													0	.11	−.11	−.35	0	0	0	0	19
20	60	35	25	6	48	52	−4	+34													0	.11	−.11	−.46	0	0	0	0	20
21	69	49	20	11	59	52	+7	+41	R	6 20 a	7 40 a	R	2 26 p	3 37 p							.06	.11	−.05	−.51	0	0	0	0	21
22	56	41	15	11	48	52	−4	+37	R	6 30 a	9 10 a										T	.11	−.11	−.62	0	0	0	0	22
23	65	36	29	2	50	53	−3	+34													0	.11	−.11	−.73	0	0	0	0	23
24	67	50	17	8	58	53	+5	+39													0	.12	−.12	−.85	0	0	0	0	24
25	69	49	20	1	59	53	+6	+45	R	4 20 p	5 58 p	R	10 00 p	- - -							T	.12	−.12	−.97	0	0	0	0	25
26	73	48	25	1	60	54	+6	+51	R		DNa										.16	.12	+.04	−.93	0	0	0	0	26
27	62	37	25	10	50	54	−4	+47													0	.12	−.12	−1.05	0	0	0	0	27
28	46	40	6	7	43	54	−11	+36	R	5 55 a											1.20	.12	+1.08	+.03	0	0	0	0	28
29	52	40	12	3	46	55	−9	+27	R		1 10 a										.07	.12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	29
30	61	35	26	2	48	55	−7	[illegible]													0	.12	−.12	−.12	0	0	0	0	30
31																													31
S.	1818	1219	599	194	1515	1475	Total excess or deficiency since January 1, −784		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	2.98	3.10	Total excess or deficiency since January 1, −.527		0.2	5.5	(a)	(a)	(a)
M.	60.6	40.6	20.0	6.5	50.5	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sl—dry snow, Sn—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

(8) * Estimated.

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SUMMARY FOR THE MONTH OF April, 1912

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean: .029)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.425			29.803	8"	29.060	14"	0.743
Corrected mean		29.405					

REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
30.001			30.40	8"	29.62	14"	0.78
Corrected mean		29.981	3,500-ft.			10,000-ft.	

TEMPERATURE.

MEAN. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
44.5			41.6			60.6	40.6	50.6				74	14"	31	18"	43	32	10"	6	28"

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative Humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor Pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
38.2			79.1			.239			0	0	5	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
8123	11.3	SW	37	SW	26"	2	6	2	1	4	7	4	4	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
4.0		5.1	71	11	9	10	1	2	6

MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
23"-30"	None	19"	6"-21"	None	None	27"	13"	13"	None	None	None	None	None	None

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Am't.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Am't.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Am't.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
2.98	1.29	28" & 29"	—	—	—	—	—	—	5	9	9	3	1	14	2	2	5.5	0

(w) Maximum precipitation in 5 minutes .12, date 6"; 10 minutes .13, date 6"; 15 minutes .14, date 6"; 30 minutes .18, date 28"; 1 hour .23, date 28"; 2 hours .34, date 28"

EXCESSIVE.

Date.	Total Duration. From—	To—	Total am't of precipitation.	Excessive Rate. Began—	Ended—	Am't before excessive began.	Accumulated Depths during Excessive Rate, for Consecutive Periods of Time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
None recorded.																				

*The duration is the time precipitation was actually recorded.

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The tipping bucket was removed from the rain gauge at 1:50 pm on the 17th. It was installed again at 1:47 pm on the 19th.

Prepared by S. P. Peterson, S. P. Peterson, C. A. S., Weather Bureau.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Sa Co, S.C., for the Month of April, 1912.

Number of Station barometer, 597; sum of corrections, -.005 inch.

Date.	Time. 75th Mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Am't.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
17	2^40 p	1^40 p	74.0	29.307	.125	29.184	29.77	31.8	31.8	32	0	100	35.0	NE	24	30	NE	.33	10	4	NE	Heavy sleeting	Kirby	S.P.P.	17
28	1^00 p	1^00 M	58.0	29.423	.083	29.340	29.92	46.0	45.0	44	2	93	46.0	E	15	21	E	.50	10	4	E	Heavy rain	Kirby	[illegible]	28

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

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Form No. 1001—Met'l. (1912 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

La Salle, Ill.

For the Month of May, 1912.

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ...; No. of wet thermometer in use, ...; No. of maximum thermometer in use, ...; No. of minimum thermometer in use, ...

† Elevation above ground of the dry thermometer, ... feet; rain gage, ... feet; anemometer, ... feet.

If the office has been moved during the month, give date —; amount of change in height of barometer, — feet (higher or lower).

No. of extra barometer, 600; sum of corrections, -.011; date and observation upon which use of station barometer commenced, 8 00 am Nov. 19, 1904; station elevation, 536 feet; actual elevation, 536 feet.

Location of office: Number 221 Gooding street, rooms 210 & 211; first observation taken in present office, 8 00 a m. Nov. 19, 1904

* Cancel words that are not appropriate.

† To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of May, 1912.

Number of Station barometer, 597; sum of corrections, -.005 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7 00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7 05 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	65.5	29.520	.103	29.417	30.00	50.5	49.2	48	91	.334	61.1	40.0	S	12			.18	10	St Cu	SW	Cloudy			1
2	72.5	29.500	.122	29.378	29.95	57.0	56.2	55	95	.432	70.6	50.5	SE	16			.10	10	Nb	SE	Rain			2
3	72.0	29.577	.121	29.456	30.03	60.3	57.8	56	86	.448	73.2	57.0	E	7			0	8	Ci St	SW	Cloudy			3
4	75.0	29.473	.129	29.344	29.90	65.5	59.7	56	72	.448	81.6	60.3	SE	4			0	3	Cu	SW	Partly Cloudy			4
5	75.5	[illegible]	.129	[illegible]	29.80	63.6	61.8	61	91	.536	78.7	63.6	SW	3	32	SW	.03	3	Cu St	SW	Cloudy			5
6	73.0	29.447	.123	29.326	29.89	59.0	52.8	48	67	.334	78.6	56.9	NE	5			0	few 4	Ci St	SW	Partly Cloudy			6
7	73.0	[illegible]	[illegible]	29.307	29.87	61.0	58.8	58	88	.482	81.6	59.0	SE	3			.23	4	Cu St	W	Cloudy			7
8	75.5	29.371	.121	29.250	29.81	57.5	52.3	48	71	.334	79.0	52.0	SW	8			0	few	Ci St	W	Clear			8
9	[illegible]	29.477	.110	29.367	29.94	53.0	48.5	44	73	.287	74.6	45.8	N	1			0	0						9
10	68.5	29.466	.111	29.355	29.93	58.2	51.4	46	63	.310	71.9	52.9	S	9			0	1 few	Ci St Cu	SW S	Clear			10
11	71.0	29.06[illegible]	[illegible]	28.946	29.51	61.0	60.0	59	94	.499	76.8	58.2	E	12			.40	10	Nb	SE	Rain			11
12	59.5	[illegible]	[illegible]	29.167	29.73	43.7	43.0	42	95	.266	74.0	42.4	N	16	28	NE	.50	10	Nb	N	Rain			12
13	53.0	29.783	.076	29.707	30.29	42.2	40.5	37	80	.219	52.8	37.7	NW	2			0	0	0	0	Clear			13
14	63.0	29.695	.097	29.601	30.18	45.5	42.1	38	76	.228	64.4	41.0	NW	9			0	few 1	Ci St	W	Clear			14
15	66.0	29.257	.104	29.153	29.72	53.0	48.0	43	70	.277	59.1	45.5	SW	14			.01	6 1	St Cu	SW SW	Cloudy			15
16	62.5	29.241	.094	29.147	29.72	47.0	45.5	44	89	.357	63.7	46.5	SE	12			T	10	St Cu	SE	Cloudy			16
17	66.0	29.574	.105	29.489	30.07	49.8	45.2	41	70	.256	52.7	44.3	W	7			0	0	0	0	Clear			17
18	63.5	29.683	.104	29.578	30.15	56.3	47.8	44	63	.287	69.7	49.8	SW	6			0	4	Ci St	W	Clear			18
19	66.5	29.766	.107	29.659	30.23	47.6	43.2	39	70	.328	77.5	44.0	SE	10			0	4 1	Cu St	W W	Cloudy			19
20	70.0	29.544	.115	29.429	30.00	70.3	62.3	57	64	.465	77.8	47.6	SW	16			0	4 1	St Cu	W W	Cloudy			20
21	75.5	29.326	.130	29.196	29.77	65.8	61.3	57	78	.499	82.0	57.2	S	4			T	3 4	St Cu	W W	Partly Cloudy			21
22	79.0	29.4[illegible]	.127	29.273	29.84	67.0	63.5	60	74	.517	84.7	65.8	SW	14			0	few few	St Cu	W W	Clear			22
23	82.5	29.4[illegible]	.147	29.[illegible]	29.8[illegible]	73.5	65.8	62	67	.555	86.0	65.7	W	10			0	few 1	Ci St	W W	Clear			23
24	82.0	29.614	.145	29.469	30.03	64.7	57.7	53	67	.402	87.8	63.5	NW	4			.30	[illegible]	Ci St	W	Clear			24
25	75.5	29.760	.141	29.627	30.20	64.0	57.5	53	68	.402	77.3	56.0	NE	3			T	few 1	Ci St	W W	Clear			25
26	76.0	29.629	.13[illegible]	29.557	30.12	65.6	61.1	57	73	.465	80.3	58.4	E	4			0	few 3	Ci St	W W	Clear			26
27	79.5	29.294	.140	29.154	29.71	72.0	66.3	62	77	.616	83.7	65.6	SW	18			0	1 4	St Cu	W W	Cloudy			27
28	77.0	[illegible]	[illegible]	28.893	29.45	64.0	62.2	61	88	.536	83.2	63.3	SW	15	37	NW	.61	1	St Cu	W	Cloudy			28
29	70.0	29.403	.115	29.288	29.85	48.3	46.8	45	90	.298	79.5	48.0	NE	7			.03	10	St Cu	W	Cloudy			29
30	66.0	29.694	.105	29.589	30.17	52.4	51.4	50	94	.360	56.6	48.0	N	2			0	1	St Cu	W	Clear			30
31	68.5	29.677	.11[illegible]	29.565	30.13	53.0	53.7	54	87	.417	70.4	52.4	[illegible]	3			0	1	Ci St	NW	Clear			31
Sums		(a)	(a)	910.429	928.02	1800.9	1677.1	1582	2431	12.024	(a)	(a)	(a)	55	(a)	(a)	2.37	156	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.369	29.936	58.1	54.1	51.0	78.4	.388	(a)	(a)	(c) SW	5.3	(a)	(a)	(a)	5.0	(c) Ci St	(c) NW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of May, 1912.

Number of Station barometer, 597; sum of corrections, -.005 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90° MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.04 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1																	0								1
2																	.52								2
3																	0								3
4																	0								4
5																	0								5
6						65.0											.17								6
7																	0								7
8																	T								8
9																	0								9
10																	0								10
11						48.3											.50								11
12																	.21								12
13																	.03								13
14																	0								14
15																	T								15
16																	T								16
17																	0								17
18																	0								18
19																	0								19
20																	.01								20
21																	T								21
22																	0								22
23																	0								23
24																	0								24
25																	0								25
26																	T								26
27																	T								27
28																	T								28
29																	0								29
30																	0								30
31																	0								31
Sums		(a)	(a)								(a)	(a)	(a)		(a)	(a)	1.44		(a)	(a)	(a)	0	0	(a)	(a)
Means		(a)	(a)								(a)	(a)	(c)		(a)	(a)	(a)		(c)	(c)	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of May, 1912.

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet included. Inches and tenths. * ‡‡	Snow not melted included. Inches and tenths. * ‡‡	Hail, sleet, and snow on ground at 7 p. m. ‡‡	Amount of precipitation from melted snow. Inches and tenths.	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1	71	47	24	11	59	56	+ 3	+ 3	R	5 10 a	6 24 a										.18	.12	+.05	+.05	0	0	0	0	1
2	73	52	21	3	62	56	+ 6	+ 9	R	Dla	10 25 a										.62	.12	+.49	+.54	0	0	0	0	2
3	82	58	24	8	70	56	+14	+23													0	.13	.13	+.41	0	0	0	0	3
4	77	62	17	0	70	57	+13	+36	R	5 20 p	- - -										T	.13	.13	+.25	0	0	0	0	4
5	79	60	19	0	70	57	+13	+49	R	-	Dla										.03	.14	.11	+.17	0	0	0		5
6	82	57	25	0	70	57	+13	+62	R	2 29 p	2 54 p	R	3 50 p	6 15 p	R	10 02 p	11 10 p				.40	.14	+.26	+.43	0	0	0	0	6
7	79	57	22	2	68	58	+10	+72													0	.14	.14	+.27	0	0	0		7
8	75	52	23	4	64	58	+ 6	+78	R	12 40 p	12 47 p										T	.14	.14	+.13	0	0	0	0	8
9	73	46	26	5	59	58	+ 1	+79													0	.13	.13		0	0	0		9
10	77	53	24	6	65	59	+ 6	+85													0	.12	.12	-.10	0	0	0		10
11	74	46	28	5	60	59	+ 1	+86	R	Dla	3 5 a	R	3 55 p	2 43 p	R	4 01 p	4 22 p	R	4 52 p		1.15	.11	+.79	+.89	0	0	0	0	11
12	53	42	11	12	48	59	-11	+75	R		2 50 p										.51	.11	+.40	+1.29	0	0	0	0	12
13	64	38	26	3	51	60	- 9	+66	R	2 40 p	3 35 p	R	4 03 p	4 25 p	R	4 50 p	6 14 p				.03	.11	-.08	+1.21	0	0	0	0	13
14	59	41	18	1	50	60	-10	+56													0	.11	.11	+1.10	0	0	0	0	14
15	64	48	16	6	56	60	- 4	+52	R	Dla	Dla	R	11 44 a	11 47 a	R	5 15 p	5 30 p				.01	.10	.09	+1.01	0	0	0	0	15
16	53	46	7	6	50	61	-11	+41	R	4 21 p	4 30 p										T	.09	.09	+.92	0	0	0	0	16
17	70	44	26	7	57	61	- 4	+37													0	.09	.09	+.83	0	0	0	0	17
18	71	51	20	9	61	62	+ 4	+41													1	.10	.10	+.73	0	0	0	0	18
19	78	44	34	5	61	62	- 1	+40													0	.11	.11	+.62	0	0	0	0	19
20	82	61	21	11	71	62	+10	+50	R	12 02 p	1 25 p										.01	.12	.11	+.51	0	0	0	0	20
21	75	57	36	0	71	63	+ 9	+59	R	6 20 a	7 05 a										T	.12	.12	+.39	0	0	0	0	21
22	86	66	20	4	76	63	+13	+72													0	.13	.13	+.26	0	0	0	0	22
23	88	69	19	2	78	63	+15	+87	R	7 30 p											.04	.13	.09	+.17	0	0	0	0	23
24	77	60	17	8	70	64	+ 6	+93	R		Dla	R	7 45 p	8 05 p							.16	.14	+.02	+.19	0	0	0	0	24
25	80	56	24	2	68	64	+ 4	+97													0	.14	.14	+.05	0	0	0	0	25
26	84	58	26	3	71	64	+ 7	+104	R	3 05 p	3 35 p	R	4 10 p	4 18 p							T	.14	.14	-.09	0	0	0	0	26
27	83	64	19	3	74	64	+10	+114	R	3 41 p	3 47 p	R	5 00 p	5 10 p	R	5 17 p	5 21 p	R	7 13 p		.57	.15	+.44	+.35	0	0	0	0	27
28	80	61	19	4	70	65	+ 5	+119	R		Dla	R	11 20 a	11 50 a	R	5 03 p	5 05 p				.05	.15	-.10	+.25	0	0	0	0	28
29	61	48	13	16	54	65	-11	+108													0	.15	.15	+.10	0	0	0	0	29
30	70	48	22	5	59	65	- 6	+102													0	.15	.15	-.05	0	0	0	0	30
31	79	53	26	7	66	66	0	+102													0	.14	.14	-.19	0	0	0	0	31
S.	2,321	1647	674	155	1986	1857	Total excess or deficiency since January 1, −672		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	3.73	3.72	Total excess or deficiency since January 1, −3.45		0	0	(a)	(a)	S.
M.	74.9	53.1	21.7	5.1	64.1	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	M.

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S—dry snow, S—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF May, 1912

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.024)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.369	—	—	29.707	13"	28.893	28"	0.814	29.936	—	—	30.29	13"	29.45	28"	0.84
Corrected mean		29.345						Corrected mean		29.912	3,500-ft		—	10,000-ft	—

TEMPERATURE.

MEAN. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
58.1	—	—	54.1	—	—	74.9	53.1	64.0	—	—	—	88	23"	38	13"	50	34	19"	7	16"

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative Humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor Pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
51.0	—	—	78.4	—	—	.388	—	—	0	0	0	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
6680	9.0	SW	39	SW	27"	3	5	3	4	3	9	1	3	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
5.0	—	5.0	70	12	10	9	2	4	7

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
13"-14"	None	None	1":2":4":5":6":11":13":20":23":24":26":27":28"	None	None	None	None	None	None	None	None	None	None	None

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Am't.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Am't.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Am't.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
3.73	1.19	11"-12"	—	—	—	—	—	—	5	13	9	5	1	18	0	0	0	0

(w) Maximum precipitation in 5 minutes .18, date 27"; 10 minutes .30, date 27"; 15 minutes .39, date 27"; 30 minutes .45, date 27"; 1 hour .47, date 27"; 2 hours .53, date 27"

EXCESSIVE.

Date.	Total Duration. From—	To—	Total am't of precipitation.	Excessive Rate. Began—	Ended—	Am't before excessive began.	Accumulated Depths during Excessive Rate, for Consecutive Periods of Time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
27"	7:18p	27" 8:07p	.61	7:48p	8:07p	.01	.08	.18	.36	.43										

*The duration is the time precipitation was actually recorded.

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Prepared by S. P. Peterson S. P. Peterson, Observer, Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of May, 1912.

Number of Station barometer, [illegible]; sum of corrections, [illegible] inch.

Date.	Special Observations.																							Date.
	Time.		Barometer.					Thermometers.						Wind.					Clouds.					
	75th Mer.	Local (standard).	Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.)	Reduced to sea-level.	Dry.	Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Direction.	Velocity. †	Max. since last observation.	Direction.	Precipitation. ††	Am't.	Kind.	Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

Form No. 1001—Met'l. (1912 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

La Salle, Illinois

For the Month of June, 1912.

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ...; No. of wet thermometer in use, ...; No. of maximum thermometer in use, ...; No. of minimum thermometer in use, ...

† Elevation above ground of the dry thermometer, ... feet; rain gage, ... feet; anemometer, ... feet.

If the office has been moved during the month, give date —; amount of change in height of barometer, ... feet (higher or lower).

No. of extra barometer, 600; sum of corrections, -.011; date and observation upon which use of station barometer commenced, 8:00 am Nov. 19, 1904; station elevation, 536 feet; actual elevation, 536 feet.

Location of office: Number 221 Gooding street, room 5 210 & 211; first observation taken in present office, 8:00 a.m. Nov. 19, 1904

* Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of June, 1912.

Number of Station barometer, 597; sum of corrections, -.005 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:51 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	74.5	29.557	-.127	29.430	30.00	65.6	62.1	60	83	.517	78.6	58.0	SW	4			0	5 / 1	Ci St / St Cu	W / SW	Ptcldy		S.P.P.	1
2	74.5	29.420	-.127	29.293	29.85	57.4	56.9	56	97	.448	82.3	57.4	W	14			T	10	Nb	W	Misting		S.P.P.	2
3	74.0	29.524	-.126	29.398	29.97	66.0	59.5	55	68	.432	77.1	57.4	SW	12			0	few	St Cu	SW	Clear		S.P.P.	3
4	75.0	29.668	-.130	29.538	30.11	58.5	54.5	52	78	.387	83.7	53.7	W	5			.36	few	Ci St	W	Clear		S.P.P.	4
5	70.0	29.741	-.116	29.625	30.19	56.4	53.4	51	82	.373	73.0	51.6	N	2			0	4	Ac Cu	W	Ptcldy		S.P.P.	5
6	73.0	29.708	-.124	29.584	30.15	60.3	55.8	52	76	.387	77.7	56.1	N	6			0	[illegible]	Ci St	W	Clear		S.P.P.	6
7	70.0	29.903	-.117	29.786	30.37	53.7	49.2	45	73	.298	72.3	48.5	N	12			0	0	0	0	Clear		S.P.P.	7
8	64.5	29.941	-.102	29.839	30.43	49.3	45.3	41	74	.256	64.3	40.8	NE	1			0	few / 1	Ci St / a St	W / W	Clear			8
9	67.0	29.942	-.109	29.833	30.41	57.0	51.5	47	69	.322	71.2	47.0	E	3			0	few	Ci St	W	Clear		S.P.P.	9
10	69.5	29.919	-.116	29.803	30.38	61.0	52.2	44	55	.287	76.6	49.3	SE	8			0	few	Ci	SW	Clear		S.P.P.	10
11	74.0	29.790	-.127	29.663	30.23	65.0	59.0	55	70	.432	81.9	61.0	S	2			0	2 / 8	a Cu / a St	W / W	Cloudy		S.P.P.	11
12	78.5	29.616	-.138	29.478	30.05	69.3	62.8	59	70	.499	84.3	65.0	W	3			0	2 / 4	Ci St / a St	W / W	Ptcldy		S.P.P.	12
13	71.0	29.499	-.118	29.381	29.95	54.7	52.0	50	84	.360	78.3	54.7	NE	8			.05	10	St Cu	SW	Lt rain		S.P.P.	13
14	73.0	29.182	-.122	29.060	29.62	60.5	58.0	56	86	.448	78.8	54.7	E	9			.73	10	St Cu	SE	Cloudy		S.P.P.	14
15	75.5	29.097	-.128	28.969	29.53	66.4	63.9	62	87	.555	79.3	60.5	SW	9			.41	2	Ci St	W	Clear			15
16	79.0	29.272	-.138	29.134	29.68	70.0	67.0	66	86	.638	84.7	66.4	W	2			.40	5 / 5	a St / St Cu	W / W	Cloudy		S.P.P.	16
17	75.5	29.643	-.131	29.512	30.08	56.6	51.6	48	72	.334	79.8	56.4	NW	5			0	10	a St	W	Cloudy			17
18	70.5	29.671	-.118	29.553	30.12	57.0	52.0	48	72	.334	70.0	55.9	NE	6			T	10	a St	W	Cloudy		S.P.P.	18
19	69.0	29.570	-.113	29.477	30.05	57.3	55.3	52	78	.387	64.4	56.2	NW	4			0	5 / 2	a Cu / a St	W / W	Ptcldy			19
20	69.5	29.513	-.114	29.399	29.97	58.3	55.3	53	83	.402	67.7	55.0	SW	5			0	3 / 4	a Cu / a St	W / W	Ptcldy			20
21	71.5	29.700	-.120	29.580	30.15	57.5	54.0	50	70	.360	80.2	55.0	E	3			.03	few	a St	W	Clear		S.P.P.	21
22	70.5	29.866	-.118	29.748	30.33	58.7	55.7	54	83	.417	74.0	51.8	E	1			0	few	Ci St	W	Clear			22
23	72.0	29.857	-.122	29.735	30.31	56.3	52.3	49	77	.347	80.0	52.4	E	2			0	3 / 2	a Cu / a St	E / E	Ptcldy		S.P.P.	23
24	74.5	29.752	-.128	29.624	30.19	65.0	61.5	59	82	.499	81.1	56.3	SE	1			0	2 / 1	Ci St / a St	W / W	Ptcldy		S.P.P.	24
25	78.5	29.651	-.139	29.512	30.08	64.5	61.5	60	85	.517	85.7	60.3	NW	2			0	0	0	0	Clear			25
26	81.0	29.593	-.145	29.448	30.01	68.0	63.5	61	78	.536	88.7	62.7	W	1			0	1 / 1	Ci St / Ci Cu	W / W	Clear		S.P.P.	26
27	78.5	29.637	-.139	29.498	30.06	61.0	56.0	52	74	.387	72.2	58.1	NE	7			0	3	a Cu	W	Clear		S.P.P.	27
28	80.0	29.656	-.143	29.513	30.08	66.8	62.8	61	80	.536	87.0	61.0	E	3			0	0 / 2	0 / Cirrus	0 / W	Clear			28
29	83.5	29.729	-.152	29.577	30.14	73.0	68.0	66	78	.638	89.6	66.8	SW	4			0	0 / 2	0 / Fogs	0 /	Clear		S.P.P.	29
30	84.0	29.676	-.154	29.522	30.08	72.2	68.0	66	81	.638	90.3	67.5	S	1			0	[illegible]	St Cu	[illegible]	[illegible]			30
31																								31
Sums	(a)	(a)	(a)	885.512	902.57	1847.3	1720.6	1630	2331	12.971	(a)	(a)	(a)	145	(a)	(a)	1.75	156	(a)	(a)	(a)		(a)	(a)
Means	(a)	(a)	(a)	29.517	30.086	61.6	57.4	54.3	77.7	.432	(a)	(a)	(c) E, SW, W	4.8	(a)	(a)	(a)	4.0	(c) [illegible]	(c) [illegible]	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of June, 1912.

Number of Station barometer, 597; sum of corrections, −.005 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90° MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:04 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1																	.01								1
2																	T								2
3																	0								3
4																	0								4
5																	T								5
6																	0								6
7																	0								7
8																	0								8
9																	0								9
10																	0								10
11																	0								11
12																	0								12
13																	.02								13
14																	.45								14
15																	0								15
16																	0								16
17																	0								17
18																	T								18
19																	.01								19
20																	.19								20
21																	0								21
22																	0								22
23																	0								23
24																	0								24
25																	0								25
26																	0								26
27																	0								27
28																	0								28
29						74.0											.11								29
30																	T								30
31																									31
Sums		(a)	(a)								(a)	(a)	(a)		(a)	(a)	0.79		(a)	(a)	(a)	0	0	(a)	(a)
Means		(a)	(a)								(a)	(a)	(c)		(a)	(a)	(a)		(c)	(c)	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of June, 1912.

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mtd. to mtd.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted 7 p.m. to 7 p.m. * ‡‡	Snow unmelted, 7 p.m. to 7 p.m. * ‡‡	Hail, sleet, and snow on ground at 7 p.m. * ‡‡	Amount of precipitation from melted snow (Total to mtd.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Saturday 1	82	61	21	6	72	66	+6	+6	R	4:50p	5:18p										.01	.14	-.13	-.13	0	0	0	0	1
2	77	57	20	5	67	66	+1	+7	R	Dla	7:20a										T	.14	-.14	-.27	0	0	0	0	2
3	84	55	29	3	70	67	+3	+10	R	8:00p	8:10p	R	8:34p	- -							.35	.14	+.21	-.06	0	0	0	0	3
4	73	54	19	6	64	67	-3	+7	R	- -	Dla										.01	.14	-.13	-.19	0	0	0	0	4
5	78	52	26	1	65	67	-2	+5	R	3:31p	5:05p										T	.15	-.15	-.34	0	0	0	0	5
6	72	55	17	1	64	68	-4	+1													0	.15	-.15	-.49	0	0	0	0	6
7	64	48	16	8	56	68	-12	-11													0	.15	-.15	-.64	0	0	0	0	7
8	71	41	30	0	56	68	-12	-23													0	.14	-.14	-.78	0	0	0	0	8
9	77	47	30	6	62	68	-6	-29													0	.14	-.14	-.92					9
10	82	49	33	4	66	69	-3	-32													0	.14	-.14	-1.06	0	0	0	0	10
11	84	63	21	8	74	69	+5	-27													0	.14	-.14	-1.20	0	0	0	0	11
12	78	55	23	8	66	69	-3	-30													0	.14	-.14	-1.34	0	0	0	0	12
13	79	55	24	1	67	70	-3	-33	R	6:23a	7:08a	R	8:40p	- - -							.50	.13	+.37	-.97	0	0	0	0	13
14	77	57	20	2	69	70	-1	-34	R	- -	Dla	R	6:05a	6:15a	R	8:57a	9:10a	R	6:15p	6:20p	1.16	.13	+1.03	+.06	0	0	0	0	14
															R	11:45a	12:35p	R	9:30p	- - -									
15	85	63	22	5	74	70	+4	-30	R	- -	Dla	R	1:50p	5:05p							T	.13	-.13	-.07	0	0	0	0	15
16	80	63	17	2	72	70	+2	-28	R	Dla	Dla										.40	.13	+.27	+.20	0	0	0	0	16
17	70	56	14	9	63	71	-8	-36													0	.13	-.13	-.07	0	0	0	0	17
18	64	56	8	3	60	71	-11	-47	R	Dla	Dla	R	2:35p	3:35p							T	.13	-.13	-.06	0	0	0	0	18
19	70	56	14	3	63	71	-8	-55	R	12:01p	12:25p	R	1:15p	1:40p							.01	.13	-.12	-.18	0	0	0	0	19
20	80	55	25	5	68	71	-3	-58	R	2:38p	5:20p	R	Dkp	- - -							.20	.13	+.07	-.11	0	0	0	0	20
21	74	55	19	4	64	72	-8	-66	R		Dla										.02	.13	-.11	- - -	0	0	0	0	21
22	80	52	28	2	66	72	-6	-72													0	.13	-.13	-.35	0	0	0	0	22
23	81	52	29	0	66	72	-6	-78													0	.13	-.13	-.48	0	0	0	0	23
24	86	60	26	7	73	72	+1	-77													0	.13	-.13	-.61	0	0	0	0	24
25	89	60	29	1	74	73	+1	-76													0	.13	-.13	-.73	0	0	0	0	25
26	92	62	30	3	77	73	+4	-72													0	.13	-.13	-.85	0	0	0	0	26
27	87	58	29	5	72	73	-1	-73													0	.13	-.13	-.97	0	0	0	0	27
28	90	62	28	4	76	73	+3	-70													0	.13	-.13	-1.07	0	0	0	0	28
29	90	70	20	4	80	74	+6	-64	R	6:35p	6:53p										.11	.13	-.01	-1.10	0	0	0	0	29
30	91	68	23	0	80	74	+6	-58	R	4:15p	4:20p	R	4:56p	5:20p							T	.13	-.13	-1.23	0	0	0	0	30
31																													31
S.	2457	1677	690	116	2046	2124	Total excess or deficiency since January 1, -78		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	2.77		Total excess or deficiency since January 1, 6.70		(a)	(a)	(a)	(a)	(a)
M.	77.6	56.6	23.0	3.9	68.2	(a)		-7.50	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^{d}—dry snow, S^{m}—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF June, 1912.

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.027)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.517	—	—	29.839	8"	28.969	15"	0.870	30.086	—	—	30.43	8"	29.53	15"	0.90
Corrected mean		29.490						Corrected mean		30.059	3,500-ft		—	10,000-ft	

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
61.6	—	—	57.4	—	—	79.6	56.6	68.1	—	—	—	92	26"	41	8"	51	33	10"	8	18"

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative Humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor Pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
54.3	—	—	77.7	—	—	.432	—	—	0	3	0	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
4658	6.5	NE	27	NE	30"	3	5	5	2	2	5	5	3	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
4.0	—	3.8	77	16	9	5	3	4	3

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
None	None	None	1.3.13.14.15.20. 27.29.30.	None	10"	None	None	None	29".30"	None	25"-28"	None	None	None

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Am't.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Am't.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Am't.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
2.77	1.18	13" 14"	—	—	—	—	—	—	5	10	6	4	1	15	0	0	0	0

(w) Maximum precipitation in 5 minutes .20, date 14"; 10 minutes .34, date 16"; 15 minutes .36, date 16"; 30 minutes .40, date 16"; 1 hour .45, date 14"; 2 hours .45, date 14"

EXCESSIVE.

Date.	Total Duration. From—	To—	Total am't of precipitation.	Excessive Rate. Began—	Ended—	Am't before excessive began.	Accumulated Depths during Excessive Rate, for Consecutive Periods of Time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
16"	Dla	Dla	.40	1:14a	1:25a	.01	.17	.33	.34											

*The duration is the time precipitation was actually recorded.

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Prepared by S. P. Peterson. S. P. Peterson, Observer, Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of June, 191[illegible].

Number of Station barometer, 277; sum of corrections, .005 inch.

Date.	Time.		Barometer.					Thermometers.		Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind.				Precipitation.††	Clouds.			State of Weather.	Special Phenomena.	Initials of Observer.	Date.
	75th Mer.	Local (standard).	Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.)	Reduced to sea-level.	Dry.	Wet.					Direction.	Velocity.†	Max. since last observation.	Direction.		Am't.	Kind.	Dir. from.				

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

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Form No. 1001—Met'l. (1912 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

La Salle, Ill. Co.

For the Month of July, *191*2.

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ...; No. of wet thermometer in use, ...; No. of maximum thermometer in use, ...; No. of minimum thermometer in use, ...

† Elevation above ground of the dry thermometer, ... feet; rain gage, ... feet; anemometer, ... feet.

If the office has been moved during the month, give date —; amount of change in height of barometer, — feet (higher or lower).

No. of extra barometer, 600; sum of corrections, -.011; date and observation upon which use of station barometer commenced, Since Nov. 19, 1904; station elevation, 536 feet; actual elevation, 536 feet.

Location of office: Number 221 Gooding street, rooms 210 & 211; first observation taken in present office, 8 a. m. Nov. 19, 1904.

* Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of Dec 1912.

Number of Station barometer, 597; sum of corrections, -.005 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:04 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	81.0	29.697	-.146	29.551	30.11	64.0	58.2	54	71	.417	90.6	61.4	E	7			0	2	Ci St	SW	Hazy		S.P.P.	1
2	77.0	29.671	-.135	29.558	30.13	69.0	67.0	66	90	.638	84.6	60.6	E	4			0	2	Ci St	W	Clear		S.P.P.	2
3	80.0	29.677	-.143	29.534	30.09	73.0	71.2	70	92	.732	81.6	69.0	SW	8			T	10	St	SW	Rain		S.P.P.	3
4	80.0	29.609	-.142	29.467	30.04	70.4	68.4	67	90	.661	82.0	66.2	S	2			0	few	Ci	W	Clear		S.P.P.	4
5	85.5	29.629	-.158	29.471	30.03	77.0	74.0	73	87	.810	91.7	70.4	S	2			0	few	Ci	W	Clear		S.P.P.	5
6	87.0	29.680	-.161	29.519	30.08	76.0	72.5	71	85	.757	96.0	73.3	SE	3			0	5	St Ac	NE	Cloudy		S.P.P.	6
7	84.5	29.664	-.155	29.509	30.07	71.5	68.5	68	86	.684	90.6	69.8	E	2			T	5 4	Ac St	NW	Cloudy		S.P.P.	7
8	84.0	29.647	-.154	29.493	30.05	72.3	71.3	71	95	.757	86.1	69.8	SW	8			0	10	St	SW	Cloudy		S.P.P.	8
9	86.5	29.623	-.160	29.463	30.02	78.0	74.0	72	83	.783	92.8	72.3	SW	8			0	few	Ci St	W	Clear		S.P.P.	9
10	86.0	29.546	-.158	29.388	29.95	69.4	65.4	63	81	.575	94.0	67.7	SW	13	[illegible]	[illegible]	.21	10	Ns	SW	Rain		[illegible]	10
11	83.5	29.626	-.150	29.476	30.05	68.0	63.2	60	77	.517	84.6	64.5	N	5			0	few 10	Ci St St	NW W	Clear		S.P.P.	11
12	79.5	29.544	-.141	29.40[illegible]	29.97	64.0	63.2	62	96	.555	85.7	63.1	NE	1			0	10	fog	NE	Cloudy		[illegible]	12
13	81.5	29.470	-.146	29.324	29.88	78.7	74.2	73	81	.810	82.6	64.0	SW	21			T	10	Ns	SW	Rain		S.P.P.	13
14	82.0	29.660	-.148	29.512	30.07	69.5	67.5	66	90	.638	87.3	65.4	NW	1			0	5	Cu	NW	Clear		S.P.P.	14
15	86.5	29.655	-.160	29.495	30.06	74.7	68.2	65	72	.616	93.7	69.5	NW	10			0	2	Cu	NW	Clear		S.P.P.	15
16	72.0	29.806	-.122	29.684	30.25	56.5	52.2	49	75	.347	77.0	52.7	NE	5			0	5	Ac St	W	Cloudy		[illegible]	16
17	7[illegible].0	29.716	-.1[illegible]4	29.5[illegible]9	30.16	60.0	55.0	51	73	.373	75.5	55.3	NE	5			0	0	[illegible]	[illegible]	Clear		[illegible]	17
18	77.0	29.720	-.135	29.585	30.15	68.6	63.1	60	74	.517	87.0	60.0	N	7			0	3 3	Ac St Ac St	NW W	Cloudy		[illegible]	18
19	74.0	29.893	-.128	29.765	30.34	56.0	53.5	52	85	.387	80.7	51.0	E	5			0	few	Ci St	W	Clear		S.P.P.	19
20	70.0	29.649	-.116	29.533	30.10	60.0	57.0	55	84	.432	72.0	56.0	E	6			.05	10	Ac St	SW	Cloudy		S.P.P.	20
21	79.0	29.481	-.139	29.342	29.89	70.8	69.8	70	95	.732	90.0	60.0	W	5			.51	8 1	Ac St St	W	Cloudy		S.P.P.	21
22	75.5	29.772	-.131	29.641	30.21	60.5	60.5	60	100	.517	74.3	57.8	NE	4			0	3	fog	NE	Foggy		S.P.P.	22
23	77.5	29.621	-.136	29.485	30.05	71.3	67.8	66	84	.638	82.6	60.5	S	4			0	5 5	Ac St St	W	Cloudy		[illegible]	23
24	86.0	29.373	-.157	29.216	29.77	81.0	73.0	70	68	.732	92.7	71.3	W	15			0	few	St Cu	SW	Clear		S.P.P.	24
25	86.0	29.555	-.158	29.397	29.96	70.5	65.5	62	77	.555	93.0	66.0	NW	6			0	5	Ci St	NW	Hazy		[illegible]	25
26	81.0	29.670	-.146	29.524	30.07	66.0	61.3	57	77	.477	86.0	60.0	W	7			0	few	Ci St	W	Clear		S.P.P.	26
27	77.0	29.715	-.135	29.580	30.15	62.6	57.6	58	84	.482	81.3	56.0	NE	2			0	few	Cu	NE	Clear		S.P.P.	27
28	78.0	29.540	-.137	29.403	29.97	67.2	63.9	62	84	.555	84.3	62.6	E	10			T	8	St Cu	NW	Cloudy		S.P.P.	28
29	80.5	29.503	-.143	29.360	29.93	64.7	63.7	61	80	.536	87.3	62.[illegible]	NW	5			0	0	0	0	Clear		[illegible]	29
30	78.5	29.488	-.138	29.350	29.92	64.0	60.0	58	79	.482	84.8	60.4	W	3			0	5	Ac St	W	Hazy		[illegible]	30
31	75.5	29.504	-.130	29.374	29.94	60.0	56.5	54	81	.417	82.7	56.4	NE	2			0	0	[illegible]	[illegible]	[illegible]		[illegible]	31
Sums	(a)	(a)	(a)	913.994	931.48	2117.2	2008.2	1948	2576	18.151	(a)	(a)	(a)	189	(a)	(a)	0.77	138	(a)	(a)	(a)		(a)	(a)
Means	(a)	(a)	(a)	29.484	30.048	68.3	64.8	62.8	83.1	.586	(a)	(a)	(c) NE	6.1	(a)	(a)	(a)	4.5	(c) [illegible]	(c) [illegible]	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ills for the Month of July, 1912.

Number of Station barometer, 597; sum of corrections, .005 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90° MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:04 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1																	1.04								1
2																	.04								2
3																	T								3
4																	0								4
5																	0								5
6																	.04								6
7																	.42								7
8																	0								8
9																	0								9
10																	T								10
11																	0								11
12																	T				B Dla E 10:00a				12
13																	.05								13
14																	0								14
15																	0								15
16																	0								16
17																	0								17
18																	T								18
19						66.3											T								19
20																	0								20
21																	0								21
22																	0					B 7:00a B Dla E 8:15a E 7:00a			22
23																	T								23
24																	0								24
25																	0								25
26																	0								26
27																	0								27
28																	T								28
29																									29
30																	.04								30
31																	0								31
Sums		(a)	(a)								(a)	(a)	(a)		(a)	(a)	1.63	(a)	(a)		(a)	2	1	(a)	(a)
Means		(a)	(a)								(a)	(a)	(c)		(a)	(a)	(a)	(c)	(c)		(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of Sept., 1912.

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. * ‡‡	Snow unmelted. 7 p.m. to 7 p.m. * ‡‡	Hail, sleet, and snow on ground at 7 p.m. * ‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1	85	61	24	7	73	74	−1	−1	R	4 06 p	5 15 p										1.04	.11	+.93	+.93	0	0	0	0	1
2	82	61	21	1	72	74	−2	−3	R	7 27 a	9 35 a	R	12 25 p	1 40 p	R	2 25 p	2 35 p				.04	.11	−.07	+.86	0	0	0	0	2
3	85	71	14	4	76	74	+2	−1	R	6 36 a	7 05 a	R	8 45 a	8 50 a	R	7 40 a	7 44 a	R	1 12 p	1 24 p	T	.11	.11	+.75	0	0	0	0	3
4	93	66	26	3	79	74	+5	+4													0	.12	−.12	+.63	0	0	0	0	4
5	96	72	24	5	84	75	+9	+13													0	.12	−.12	+.51	0	0	0	0	5
6	91	73	18	2	82	75	+7	+20	R	2 40 p	3 07 p										.04	.12	−.08	+.43	0	0	0	0	6
7	86	70	16	4	78	75	+3	+23	R	7 Ka	7 Ka	R	1 40 p	12 51 p	R	1 30 p	1 40 p				.42	.12	+.30	+.73	0	0	0	0	7
8	93	70	23	4	82	75	+7	+30													0	.12	−.12	+.61	0	0	0	0	8
9	94	73	21	2	84	75	+9	+39													0	.11	−.11	+.50	0	0	0	0	9
10	83	68	17	8	76	75	+1	+40	R	3 41 a	7 05 a										.21	.11	+.10	+.60	0	0	0	0	10
11	86	64	22	1	75	75	0	+40													0	.10	−.10	+.50	0	0	0	0	11
12	83	63	20	2	73	75	−2	+38	R	7 05 a	8 10 a	R	9 15 a	9 35 a	R	11 17 a	11 40 a				T	.10	−.10	+.40	0	0	0	0	12
13	87	70	17	5	78	75	+2	+40	R	6 50 a	8 05 a	R	11 43 a	12 20 p							.05	.10	−.05	+.35	0	0	0	0	13
14	74	65	27	2	80	75	+4	+44													0	.10	−.10	+.25	0	0	0	0	14
15	83	55	28	11	69	76	−7	+37													0	.10	−.10	+.15	0	0	0	0	15
16	77	53	26	3	66	76	−10	+27													0	.10	−.10	+.05	0	0	0	0	16
17	87	55	32	5	71	76	−5	+22													0	.10	−.10	−.05	0	0	0	0	17
18	81	57	24	2	69	76	−7	+15	R	8 50 a	9 45 a										T	.10	−.10	−.15	0	0	0	0	18
19	72	51	21	7	62	76	−14	+1	R	6 30 p	7 45 p	R	8 10 p	9 00 p							T	.09	−.09	−.24	0	0	0	0	19
20	70	56	34	11	73	76	−3	−2	R	7 Ka	7 Ka	R	8 40 p								.20	.09	+.11	−.13	0	0	0	0	20
21	74	66	8	3	70	76	−6	−8	R		5 20 a										.36	.09	+.27	+.14	0	0	0	0	21
22	83	60	23	2	72	76	−4	−12													0	.09	−.09	+.05	0	0	0	0	22
23	73	66	27	8	70	76	−4	−8	R	5 35 a	8 50 a										T	.10	−.10	−.05	0	0	0	0	23
24	73	73	20	3	73	76	−7	−1													0	.10	−.10	−.15	0	0	0	0	24
25	86	66	20	7	76	76	0	−1													0	.10	−.10	−.25	0	0	0	0	25
26	81	60	21	6	70	76	−6	−7													0	.10	−.10	−.35	0	0	0	0	26
27	84	56	28	0	70	75	−5	−12													0	.10	−.10	−.45	0	0	0	0	27
28	87	66	21	6	76	75	+1	−11	R	6 12 a	6 35 a	R	4 45 p	5 10 p							T	.11	−.11	−.56	0	0	0	0	28
29	85	62	23	2	74	75	−1	−12													0	.11	−.11	−.67	0	0	0	0	29
30	84	60	24	2	72	75	−3	−15	R	5 20 a	5 35 a	R	9 10 a	9 18 a	R	10 45 a	10 58 a	R	4 43 p	5 05 p	.04	.12	−.08	−.75	0	0	0	0	30
31	72	56	16	8	64	75	−11	−26													0	.12	−.12	−.87	0	0	0	0	31
S	2630	1765	865	136	2395	2345	Total excess or deficiency since January 1,	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	7.40	3.72	Total excess or deficiency since January 1,	(a)	(a)	(a)	(a)	(a)	
M	85.5	58.8	28.8	4.4	72.2	(a)	−276	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	−3.52	(a)	(a)	(a)	(a)	(a)	

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF July, 191 2.

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.026)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.484	—		29.765	19"	29.216	24"	0.549
Corrected mean		29.458					

REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
30.048			30.34	19"	29.77	24"	0.57
Corrected mean		30.022	3,500-ft.			10,000-ft.	

TEMPERATURE.

MEAN. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
68.3			64.8			85.5	63.4	74.4				96	5"	51	19"	45	34	20"	8	21"

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative Humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor Pressure. 8 a. m.	8 p. m.	Monthly. (g)
62.8			83.1			.586		

Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
0	9	0	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
4880	6.6	S.W.	28	NW	10"	3	6	6	1	3	5	3	4	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
4.5		4.7	76	14	9	8	0	4	5

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
None	None	None	1.6.7.10.20. 21.28.30.	None	None	None	12.22	22	None	None	14.27	None	None	None

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Am't.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Am't.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Am't.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
2.40	1.08	1"&2"	—	—	—	1.00	0:22	1"	6	9	9	3	1	15	0	0	0	0

(w) Maximum precipitation in 5 minutes .40, date 1"; 10 minutes .60, date 1"; 15 minutes .82, date 1";
30 minutes 1.04, date 1"; 1 hour 1.04, date 1"; 2 hours 1.04, date 1"

EXCESSIVE.

Date.	Total Duration. From—	To—	Total am't of precipitation.	Excessive Rate. Began—	Ended—	Am't before excessive began.	Accumulated Depths during Excessive Rate, for Consecutive Periods of Time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
1"	4:06p	5:15p	1.04	4:11p	4:34p	.01	.19	.39	.77	.97	1.01									
7"	12:40p	12:51p	0.42	12:40p	12:50p	0	.31	.42												

*The duration is the time precipitation was actually recorded.

8—154

Prepared by S. P. Peterson, S. P. Peterson, Observer, Weather Bureau.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of June, 1912.

Number of Station barometer, 597; sum of corrections, .005 inch.

Date.	Time.		Barometer.					Thermometers.		Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind.				Precipitation. ††	Clouds.			State of Weather.	Special Phenomena.	Initials of Observer.	Date.
	75th Mer.	Local (standard).	Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.)	Reduced to sea-level.	Dry.	Wet.					Direction.	Velocity. †	Max. since last observation.	Direction.		Am't.	Kind.	Dir. from.				

SPECIAL OBSERVATIONS.

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

S—154

Form No. 1001—Met'l. (1912 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

La Salle, Ill.

For the Month of August, 191[illegible].

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ...; No. of wet thermometer in use, ...; No. of maximum thermometer in use, ...; No. of minimum thermometer in use, ...

† Elevation above ground of the dry thermometer, ... feet; rain gage, ... feet; anemometer, ... feet.

If the office has been moved during the month, give date —; amount of change in height of barometer, — feet (higher or lower).

No. of extra barometer, 600; sum of corrections, -.011; date and observation upon which use of station barometer commenced, 8:00 a.m. Nov. 19, 1904; station elevation, 536 feet; actual elevation, 536 feet.

Location of office: Number 221 Gooding street, rooms 210 & 211; first observation taken in present office, 8:00 a.m. Nov. 19, 19[illegible]

* Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle Co., Ill., for the Month of August, 1912.

Number of Station barometer, 597; sum of corrections, .005 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:54 A. M. 90TH MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:54 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	71.0	29.577	.118	29.459	30.03	59.6	56.1	54	81	.417	72.5	56.1	E	4			0	5	AST	W	Cloudy		S.P.P.	1
2	71.5	29.607	.119	29.458	30.06	57.2	52.9	50	75	.360	76.1	52.0	W	4			0	few	Ci	W	Clear		S.P.P.	2
3	68.5	29.783	.112	29.671	30.24	52.0	49.7	47	86	.322	74.0	47.3	NE	1			0	0	0	0	Clear		S.P.P.	3
4	67.0	29.844	.108	29.736	30.31	52.8	47.8	43	70	.277	69.9	45.8	E	2			0	few	Ci St	W	Clear		S.P.P.	4
5	68.0	29.826	.111	29.715	30.29	54.0	51.0	49	82	.347	72.2	49.7	E	1			0	3 6	Ci St A St	W W	Cloudy		S.P.P.	5
6	68.5	29.698	.112	29.586	30.16	59.3	56.1	54	82	.417	72.0	54.0	E	2			T	10	A St	SW	Cloudy		S.P.P.	6
7	73.0	29.560	.123	29.437	30.01	65.0	64.0	63	95	.575	79.3	59.3	SW	3			.13	10	Nb	SW	Lt rain		S.P.P.	7
8	72.0	29.450	.121	29.329	29.89	65.8	64.5	64	93	.595	71.5	60.7	E	3			T	5 5	ACu AST	W W	Cloudy		S.P.P.	8
9	75.5	29.350	.129	29.221	29.78	66.0	65.0	64	95	.595	81.9	65.3	W	4			.05	5 5	ST Cu AST	SW SW	Cloudy		S.P.P.	9
10	72.0	29.301	.122	29.179	29.74	62.0	60.7	60	93	.517	76.9	60.2	SW	9			0	8 few	Ci St ST Cu	W SW	Cloudy		S.P.P.	10
11	70.5	29.252	.116	29.237	29.80	65.0	62.5	61	87	.536	69.0	62.0	W	4			T	7 3	AST ST Cu	W W	Cloudy		S.P.P.	11
12	71.0	29.499	.118	29.381	29.95	64.4	61.7	60	86	.517	75.0	60.2	SE	4			0	5 3 3	Ci St ST Cu Ci St	W SW SW	Cloudy		S.P.P.	12
13	75.5	29.525	.130	29.398	29.97	71.1	69.7	69	93	.707	82.0	64.4	SW	4			.35	few	ST Cu	SW	Clear		S.P.P.	13
14	78.5	29.724	.139	29.595	30.17	67.6	65.1	64	88	.595	85.5	65.3	W	2			0	2 2	Ci St Ci St	W W	Clear		S.P.P.	14
15	77.0	29.723	.135	29.588	30.16	61.3	61.3	61	100	.536	85.0	59.8	NW	1			0	Lt	fog	NW	Clear		S.P.P.	15
16	72.0	29.751	.122	29.629	30.20	59.0	54.7	51	76	.373	81.7	58.3	NE	10			T	10	A St	SW	Cloudy		S.P.P.	16
17	71.5	29.630	.120	29.510	30.08	66.5	65.2	64	93	.595	72.6	59.0	SE	2			0	10 Lt	St fog	SE E	Cloudy			17
18	80.0	29.564	.142	29.422	29.98	75.8	73.0	72	88	.783	89.8	66.5	SW	8			0	few	Ci St	W	Clear		S.P.P.	18
19	82.5	29.557	.149	29.408	29.97	78.0	67.2	67	76	.661	92.7	66.1	NW	5			1.04	10	Nb	NW	Lt rain			19
20	78.0	29.487	.137	29.350	29.91	68.2	66.2	65	90	.616	86.0	65.4	NW	2			.83	2	Ci	NW	Clear			20
21	80.0	29.437	.142	29.295	29.85	70.5	67.0	66	84	.638	85.3	68.2	W	5			0	1	A St	NW	Clear		S.P.P.	21
22	77.0	29.253	.133	29.120	29.68	65.3	61.8	60	82	.517	83.0	62.8	SW	8			0	2 7	A Cu ST Cu	NW NW	Cloudy		S.P.P.	22
23	73.5	29.421	.125	29.296	29.86	58.7	56.7	56	89	.448	77.8	56.8	W	3			0	few	A St	W	Clear		S.P.P.	23
24	73.5	29.438	.125	29.313	29.87	70.5	64.2	61	71	.536	76.6	58.7	SW	10			0	few	Ci St	W	Clear		S.P.P.	24
25	81.0	29.377	.144	29.233	29.78	73.0	69.0	67	82	.661	87.6	70.5	SW	4			0	0	0	0	Clear		S.P.P.	25
26	83.5	29.422	.151	29.271	29.82	72.5	66.7	64	74	.595	91.0	70.6	SW	8			0	few	Ci St	SW	Clear		S.P.	26
27	78.5	29.744	.139	29.605	30.17	57.0	56.5	55	86	.437	87.3	53.2	NE	1			0	0 2	0 Ci St	0 NW	Clear		S.P.	27
28	73.5	29.387	[illegible]	29.264	29.82	70.7	64.2	61	71	.536	75.2	57.0	SW	19			0	1	ST Cu	SW	Clear		S.P.P.	28
29	75.5	29.544	.138	29.406	29.97	66.0	63.4	60	87	.555	88.7	66.0	E	10			0	10	ST Cu	SE	Cloudy		S.P.	29
30	73.5	29.517	.125	29.392	29.96	68.3	64.8	63	83	.575	71.3	65.2	SE	7			0	6 4	Ci St A St	NW SW	Cloudy		S.P.	30
31	80.5	29.500	.143	29.357	29.92	75.3	72.8	72	89	.783	90.0	68.3	SW	7			0	few	ST Cu	SW	Clear		S.P.	31
Sums		(a)	(a)	911.891	929.40	2010.4	1921.5	1867	2647	16.617	(a)	(a)	(a)	163	(a)	(a)	2.40	157	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.416	29.981	64.9	62.0	60.3	85.4	.536	(a)	(a)	(c) SW	5.3	(a)	(a)	(a)	5.1	(c) ENE	(c) SW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of August, 1912.

Number of Station barometer, 597; sum of corrections, -.005 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:04 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1																	T								1
2																	0								2
3																	0								3
4																	0								4
5																	0								5
6																	T								6
7																	.20								7
8																	.36								8
9																	.05								9
10						65.6											.35								10
11																	0								11
12																	T								12
13																	.01								13
14																	0								14
15																	T				B 6:45a B D 11a E 8:00a E 6:45a				15
16																	0								16
17																	0				B D 11a E 8:00a				17
18																	0								18
19																	.78								19
20																	0								20
21																	0								21
22																	T								22
23																	0								23
24																	0								24
25																	0								25
26																	0								26
27																	0								27
28																	T								28
29																	0								29
30																	0								30
31																	0								31
Sums		(a)	(a)								(a)	(a)	(a)		(a)	(a)	1.95	(a)	(a)		(a)	2	1	(a)	(a)
Means		(a)	(a)								(a)	(a)	(c)		(a)	(a)	(a)	(c)	(c)		(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Tacoma, Wash., for the Month of August, 1912

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. * ‡‡	Snow unmelted. 7 p.m. to 7 p.m. * ‡‡	Hail, sleet, and snow on ground at 7 p.m. * ‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Thursday 1	76	56	20	2	66	75	-9	-9	R	12 33 p	12 50 p										T	.11	-.11	-.11	0	0	0	0	1
2	74	52	22	3	63	75	-12	-21													0	.10	-.10	-.21	0	0	0	0	2
3	70	47	23	5	58	75	-17	-38													0	.09	-.09	-.30	0	0	0	0	3
4	72	46	26	1	59	74	-15	-53													0	.09	-.09	-.39	0	0	0	0	4
5	72	50	22	2	61	74	-13	-66													0	.09	-.09	-.48					5
6	79	57	22	7	68	74	-6	-72	R	6 30 a	6 45 a	R	7 20 a	8 50 a							T	.08	-.08	-.56	0	0	0	0	6
7	72	64	8	0	68	74	-6	-78	R	D Ma	12 45 p										.33	.08	+.25	-.31	0	0	0	0	7
8	82	61	21	4	72	74	-2	-80	R	D Ma	D Ma	R	1 13 p	1 35 p	R	4 55 p	5 30 p				.36	.07	+.29	-.02	0	0	0	0	8
9	77	63	14	2	70	74	-4	-84	R	D Ma	5 35 a	R	2 13 p	3 50 p	R	5 25 p	5 30 p				.10	.07	+.03	+.01	0	0	0	0	9
10	69	60	9	6	64	73	-9	-93	R	10 51 a	11 50 a	R	1 12 p	6 15 p	R	7 10 p	8 20 p				.35	.07	+.28	+.29	0	0	0	0	10
11	75	61	14	4	68	73	-5	-98													0	.07	-.07	+.22	0	0	0	0	11
12	80	60	22	3	71	73	-2	-100	R	8 10 a	8 55 a										T	.07	-.07	+.15	0	0	0	0	12
13	84	69	15	5	76	73	+3	-97	R	D Ma	D Ma	R	10 33 a	11 50 a							.36	.08	+.28	+.43	0	0	0	0	13
14	75	65	20	1	75	73	+2	-95													0	.08	-.08	+.35	0	0	0	0	14
15	82	60	22	4	71	72	-1	-96	R	12 07 p	12 25 p										T	.07	-.07	+.26	0	0	0	0	15
16	72	58	15	5	66	72	-6	-102	R	5 30 a	5 32 a										T	.09	-.09	+.17	0	0	0	0	16
17	70	64	26	11	77	72	+5	-97													0	.10	-.10	+.07	0	0	0	0	17
18	74	70	24	5	82	72	+10	-87													0	.10	-.10	-.03	0	0	0	0	18
19	86	66	20	6	76	72	+4	-83	R	D Ma	D Ma	R	6 20 a	12 50 p	R	6 50 p					2.85	.10	+2.75	+2.72	0	0	0	0	19
20	85	65	20	1	75	71	+4	-79	R		D Ma										T	.11	-.11	+2.61	0	0	0	0	20
21	83	67	16	0	75	71	+4	-75													0	.11	-.11	+2.50	0	0	0	0	21
22	78	61	17	5	70	71	-1	-76	R	3 55 p	4 04 p										T	.11	-.11	+2.39	0	0	0	0	22
23	77	57	20	3	67	70	-3	-79													0	.11	-.11	+2.28	0	0	0	0	23
24	70	65	25	11	68	70	+8	-71													0	.11	-.11	+2.17	0	0	0	0	24
25	71	71	20	3	81	70	+11	-60													0	.11	-.11	+2.06	0	0	0	0	25
26	87	63	26	5	76	70	+6	-54													0	.10	-.10	+1.96	0	0	0	0	26
27	75	58	17	10	66	70	-4	-58													0	.10	-.10	+1.86	0	0	0	0	27
28	79	64	28	9	75	69	+6	-52	R	12 02 p	1 25 p										T	.10	-.10	+1.76	0	0	0	0	28
29	71	65	6	7	68	69	-1	-53													0	.09	-.09	+1.67	0	0	0	0	29
30	70	65	25	10	78	69	+9	-44													0	.09	-.09	+1.58	0	0	0	0	30
31	75	73	22	6	84	68	+16	-28													0	.09	-.09	+1.49	0	0	0	0	31
S	2507	1900	607	146	2204		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	4.31	2.86	Total excess or deficiency since January 1,	(a)	(a)	(a)	(a)	(a)
M	80.9	61.3	19.6	4.7	71.1	(a)	-80.4		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	-6.08	(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF August, 1912.

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.024)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.416			29.736	4	29.120	22	0.616
Corrected mean		29.392					

REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.981			30.31	4	29.68	22	0.63
Corrected mean		29.957	3,500-ft.		10,000-ft.		

TEMPERATURE.

MEAN. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
64.9			62.0			80.9	61.3	71.1				95	31	46	4	49	28	28	6	29

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative Humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor Pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
60.3			85.4			.536			0	4	0	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
4909	6.6	SW	25	SW	24	0	3	6	3	0	10	6	3	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
5.1		5.4	62	9	13	9	0	2	4

MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
None	None	None	9-12-13-18-19-20-	None	None	None	15-17	15	None	None	5	None	None	None

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Am't.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Am't.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Am't.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
4.35	2.85	19	2.55	13:30	19	—	—	—	8	6	6	5	1	14	0	0	0	0

(w) Maximum precipitation in 5 minutes .29, date 19; 10 minutes .37, date 19; 15 minutes .39, date 19;
30 minutes .52, date 19; 1 hour .64, date 19; 2 hours .67, date 19

EXCESSIVE.

Date.	Total duration. From—	To—	Total am't of precipitation.	Excessive rate. Began—	Ended—	Am't before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
19	6:50 p	7:10 a	.83	10:45 p	10:55 p	.44	.26	.36												

*The duration is the time precipitation was actually recorded.

8—154

Prepared by S. P. Peterson S. P. Peterson, Observer, Weather Bureau.

(9)

C

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of August, 1912

Number of Station barometer, 597; sum of corrections, -.005 inch.

Date.	Special Observations. Time. 75th Mer.	Local (standard).	Barometer. Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.)	Reduced to sea-level.	Thermometers. Dry.	Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Velocity. †	Max. since last observation.	Direction.	Precipitation. ††	Clouds. Am't.	Kind.	Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
19	2 40 p	1 40 p	78.5	29.456	-.138	29.318	29.88	74.3	69.3	67	8	78	74.3	SW	6	—	—	.98	8	Ast	W	Cloudy	Robards	S.B.S.	

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

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Form No. 1001—Met'l. (1912 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

La Salle, Ill.

For the Month of September, 1912.

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ...; No. of wet thermometer in use, ...; No. of maximum thermometer in use, ...; No. of minimum thermometer in use, ...

† Elevation above ground of the dry thermometer, ... feet; rain gage, ... feet; anemometer, ... feet.

If the office has been moved during the month, give date —; amount of change in height of barometer, — feet (higher or lower).

No. of extra barometer, 600; sum of corrections, -.011; date and observation upon which use of station barometer commenced, 8 00 am Nov. 19, 1904; station elevation, 536 feet; actual elevation, 536 feet.

Location of office: Number 221 Gooding street, rooms 210 & 211; first observation taken in present office, 8 00 a m. Nov. 19, 1904.

* Cancel words that are not appropriate.

† To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of September, 1912.

Number of Station barometer, 597; sum of corrections, -.005 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:04 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	84.5	29.503	-.154	29.349	29.91	77.0	72.0	70	79	.732	94.6	75.3	SW	7			0	4	Cu St	W	Ft Cdy		S.P.P.	1
2	85.5	29.556	-.157	29.399	29.96	77.0	71.6	69	77	.707	92.6	75.6	SW	6			0	3	St Cu	SW	Cloudy		S.P.P.	2
3	82.0	29.688	-.148	29.540	30.10	68.6	67.1	67	93	.661	87.0	68.0	NE	4			0	4	Cu St	NW	Ft Cdy		S.P.P.	3
4	80.5	29.624	-.144	29.480	30.04	71.5	69.5	68	90	.684	88.8	68.6	E	4			0	few	Cirr St	W	Clear		S.P.P.	4
5	85.0	29.663	-.156	29.507	30.07	74.3	70.8	69	84	.707	95.7	71.5	S	2			0	0	0	0	Clear		S.P.P.	5
6	85.5	29.661	-.158	29.503	30.06	72.5	68.5	66	82	.638	97.0	68.8	SE	1			0	1	St Cu	NW	Clear		S.P.P.	6
7	83.5	29.623	-.152	29.471	30.03	71.5	65.3	62	72	.555	96.2	69.3	NE	7			0	few	Cu St	W	Clear		S.P.P.	7
8	81.0	29.518	-.145	29.373	29.93	70.0	66.7	65	84	.616	91.3	67.3	SE	1			0	0	0	0	Clear		S.P.P.	8
9	83.0	29.573	-.150	29.423	29.98	72.0	68.7	67	85	.661	97.2	69.0	SE	2			0	0	0	0	Clear		S.P.P.	9
10	84.0	29.663	-.154	29.509	30.07	71.3	66.3	64	77	.595	95.2	68.4	S	1			0	0	0	0	Clear			10
11	83.5	29.766	-.150	29.616	30.18	67.8	65.4	64	88	.595	93.7	66.4	NE	7			0	5	Cu St	W	Cloudy			11
12	74.0	29.809	-.127	29.682	30.25	55.4	52.4	50	82	.360	78.0	52.6	N	1			0	1	Cu St	SW	Clear		S.P.P.	12
13	72.0	29.530	-.121	29.409	29.98	58.2	54.2	51	77	.373	78.8	55.4	S	1			0	3	Cu St	W	Ft Cdy		S.P.P.	13
14	72.0	29.488	-.121	29.367	29.94	65.0	61.0	59	80	.499	74.6	58.2	S	1			T	10	Cu St	SW	Sprinkling		S.P.P.	14
15	74.0	29.549	-.126	29.423	29.99	64.0	63.0	62	95	.555	79.3	63.7	NE	3			1.06	few	St Cu	NE	Clear		S.P.P.	15
16	71.5	29.736	-.120	29.616	30.19	57.4	56.2	55	93	.432	72.7	56.3	E	6			0	5	Cu St	NE	Cloudy			16
17	70.0	29.488	-.115	29.373	29.94	57.1	54.8	54	86	.417	74.6	56.4	NW	4			.04	10	St Cu	NW	Cloudy			17
18	66.0	29.331	-.104	29.227	29.77	53.0	52.8	53	97	.402	62.2	52.1	SW	4			0	few	Cu St	W	Clear		S.P.P.	18
19	62.0	29.395	-.094	29.301	29.86	53.0	50.0	47	82	.322	60.3	50.7	W	11			.04	5	Cu St	NW	Cloudy		S.P.P.	19
20	64.0	29.456	-.099	29.357	29.93	57.3	54.3	50	73	.360	71.1	53.0	S	5			0	10	Cu St	NW	Cloudy		S.P.P.	20
21	66.0	29.481	-.105	29.376	29.95	53.0	52.1	51	95	.373	74.3	52.0	NW	5			.74	10	St Cu	NW	Cloudy			21
22	62.0	29.497	-.094	29.403	29.95	50.0	49.[illegible]	47	95	.347	57.2	49.2	W	3			0	1	Cu St	SW	Clear		S.P.P.	22
23	62.0	29.556	-.094	29.462	30.03	50.3	47.0	46	85	.310	69.4	48.5	0	0			0	0	0	0	Clear		S.P.P.	23
24	63.5	29.502	-.098	29.404	29.97	50.0	49.0	48	93	.334	75.6	49.5	E	5			0	0	0	0	Clear		S.P.P.	24
25	67.0	29.387	-.107	29.280	29.84	62.7	60.7	60	90	.517	74.0	58.[illegible]	SW	5			.08	4	Cu St	SW	Ft Cdy			25
26	59.5	29.747	-.088	29.659	30.24	38.2	35.2	31	75	.172	65.7	36.3	W	8			0	0	0	0	Clear		S.P.P.	26
27	56.0	29.826	-.077	29.747	30.34	42.5	38.2	33	68	.187	57.4	38.2	SW	3			0	1	Cu St	SW	Clear			27
28	61.5	29.847	-.074	29.755	30.35	47.2	45.8	44	87	.287	64.7	42.5	NE	6			T	10	St	NE	Cloudy		S.P.P.	28
29	36.0	29.960	-.079	29.881	30.48	39.0	37.6	36	87	.211	51.0	37.3	N	7			0	0	0	0	Clear		S.P.P.	29
30	54.0	29.861	-.074	29.787	30.38	37.0	36.[illegible]	37	78	.217	55.3	34.6	NW	2			0	0	0	0	Clear		S.P.P.	30
31																								31
Sums	(a)	(a)		854.677	901.76	1785.1	1702.3	1647	2355	13.828	(a)	(a)	(a)	122	(a)	(a)	2.16	113	(a)	(a)	(a)		(a)	(a)
Means	(a)	(a)		29.489	30.059	57.5	56.7	54.9	85.2	.461	(a)	(a)	(c) SW	4.1	(a)	(a)	(a)	3.8	(c) [illegible]	(c) NW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of September, 1912.

Number of Station barometer, 577; sum of corrections, −.005 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:04 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1																	0								1
2																	0								2
3																	0								3
4																	0								4
5																	0								5
6																	0								6
7																	0								7
8																	0								8
9																	0								9
10																	0								10
11																	0								11
12																	0								12
13																	T								13
14																	T								14
15																	0								15
16																	T								16
17																	T								17
18																	.11					B Dra Σ 8:00a			18
19																	0								19
20																	T								20
21																	.09								21
22																	0								22
23																	0					B Dra Σ 8:15a			23
24																	0					B Dra Σ 9:15a			24
25																									25
26																	0								26
27																	0								27
28																	.18								28
29																	0								29
30																	0					B Dra Σ 9:00a			30
31																									31
Sums		(a)	(a)								(a)	(a)	(a)		(a)	(a)	0.38		(a)	(a)	(a)	4	0	(a)	(a)
Means		(a)	(a)								(a)	(a)	(c)		(a)	(a)	(a)		(c)	(c)	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of September, 1912.

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet melted 7 p.m. to 7 p.m. * ‡‡	Snow, sleet, and snow on ground melted 7 p.m. to 7 p.m. * ‡‡	Hail, sleet, and snow on ground at 7 p.m. * ‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Sept. 1	93	75	18	0	84	65	+16	+16													0	.09	.09	.09	0	0	0	0	1
2	87	70	17	6	78	68	+10	+26													0	.08	.08	.17	0	0	0	0	2
3	89	68	21	0	78	68	+10	+36													0	.08	.08	.25	0	0	0	0	3
4	96	69	27	4	82	67	+15	+51													0	.09	.09	.34	0	0	0	0	4
5	97	73	24	3	85	67	+18	+69													0	.10	.10	.44	0	0	0	0	5
6	96	69	27	3	82	67	+15	+84													0	.10	.10	.54	0	0	0	0	6
7	91	69	22	2	80	67	+13	+97													0	.10	.10	.64	0	0	0	0	7
8	97	69	30	2	82	66	+16	+113													0	.10	.10	.74	0	0	0	0	8
9	95	69	26	0	82	66	+16	+129													0	.10	.10	.84	0	0	0	0	9
10	94	68	26	1	81	66	+15	+144													0	.11	.11	.95	0	0	0	0	10
11	78	59	19	13	68	65	+3	+147													0	.11	.11	1.06	0	0	0	0	11
12	79	53	26	2	66	65	+1	+148													0	.11	.11	[illegible]	0	0	0	0	12
13	75	55	20	1	65	65	0	+148	R	12 10 p	12 25 p	R	1 35 p	1 45 p	R	4 45 p	4 25 p				T	.11	.11	[illegible]	0	0	0	0	13
14	79	64	15	7	72	64	+8	+156	R	6 50 a	7 20 a	R	8 35 p								.06	.11	.05	1.33	0	0	0	0	14
15	72	62	11	4	68	64	+4	+160	R		7 20 a										1.00	.10	+.90	[illegible]	0	0	0	0	15
16	75	56	19	2	66	64	+2	+162	R	5 10 p	5 15 p	R	5 12 p	9 45 p							.04	.10	[illegible]	[illegible]	0	0	0	0	16
17	62	56	6	7	59	64	−5	+157	R	1 [illegible] p	2 10 p										T	.10	.10	.54	0	0	0	0	17
18	60	51	9	3	56	63	−7	+150	R	12 35 p	12 45 p	R	1 [illegible] p	2 [illegible] p	R	4 [illegible] p	4 50 p	R R	7:04 p 5:50 p	7:25 p 5:56 p	.15	.10	+.05	.54	0	0	0	0	18
19	71	52	19	6	62	63	−1	+149													0	.10	.10	.64	0	0	0	0	19
20	74	54	20	2	64	63	+1	+150	R	12 14 p	1 41 p	R	8 57 p								.49	.11	+.38	[illegible]	0	0	0	0	20
21	57	52	7	8	56	62	−6	+144	R		6 20 a	R	7 06 a	10 45 a	R	12 10 p	2 26 p				.54	.11	+.43	.17	0	0	0	0	21
22	69	49	20	3	59	62	−3	+141													0	.11	.11	[illegible]	0	0	0	0	22
23	76	48	28	3	62	62	0	+141													0	.11	.11	.05	0	0	0	0	23
24	74	50	24	0	62	61	+1	+142	R	[illegible]	7 20 p										.08	.11	−.03	.02	0	0	0	0	24
25	66	43	23	8	54	61	−7	+135													0	.12	.12	.20	0	0	0	0	25
26	57	36	21	8	46	60	−14	+121													0	.12	.12	.32	0	0	0	0	26
27	62	37	26	6	52	60	−8	+113	R	7 08 p	7 10 p	R	7 10 p	7 30 p							T	.13	.13	.45	0	0	0	0	27
28	51	42	9	6	46	60	−14	+99	R	5 55 a	6 10 a	R	7 12 a	7 18 a	R	10 50 a	6 25 p				.18	.13	+.05	.40	0	0	0	0	28
29	58	37	21	2	48	59	−11	+88													0	.13	.13	.53	0	0	0	0	29
30	61	35	26	0	48	59	−11	+77													0	.13	.13	.66	0	0	0	0	30
31																													31
Σ	2277	1690	607	113	1983	1916	Total excess or deficiency since January 1, +1 [illegible]		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	2.34	3.3[illegible]	Total excess or deficiency since January 1, −1 [illegible]		0	(a)	(a)	(a)	(a)
M	76.6	56.3	20.3	3.7	66.4	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S—dry snow, S—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF September, 1912.

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.021)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.489			29.881	29"	29.227	18"	0.654	30.059			30.48	29"	29.79	18"	0.69
Corrected mean		29.468						Corrected mean		30.038	3,500-ft			10,000-ft	

TEMPERATURE.

MEAN. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
59.5			56.7			76.6	56.3	66.4				97	8"	35	30"	62	30	8"	6	17"

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative Humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor Pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
54.9			85.2			.461			0	8	0	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
4118	5.7	SW	24	SW	25"	2	5	3	3	5	6	2	3	1

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
3.8		4.6	63	14	6	10	1	1	6

MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
26" 27"	30"	None	2-6-15-18-20-21-24	None	None	None	18-23 24-30	None	None	None	23"	None	None	None

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Am't.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Am't.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Am't.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
2.54	1.06	14" 15"	—	—	—	—	—	—	3	8	8	3	1	11	0	0	0	0

(w) Maximum precipitation in 5 minutes .31, date 15"; 10 minutes .41, date 15"; 15 minutes .56, date 15"; 30 minutes .88, date 15"; 1 hour .97, date 15"; 2 hours 1.00, date 15"

EXCESSIVE.

Date.	Total Duration. From—	To—	Total am't of precipitation.	Excessive Rate. Began—	Ended—	Am't before excessive began.	Accumulated Depths during Excessive Rate, for Consecutive Periods of Time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
15"	8:35p 14"	10:1a 15"	1.06	1:39a	2:07a	.13	.14	.35	.44	.69	.83	~~.86~~ .87								

*The duration is the time precipitation was actually recorded.

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Prepared by S. P. Peterson, S. P. Peterson, C. C., Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of September, 1912.

Number of Station barometer, 597; sum of corrections, -.005 inch.

Date.	Special Observations.																							Date.
	Time.		Barometer.					Thermometers.						Wind.					Clouds.					
	75th Mer.	Local (standard).	Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.)	Reduced to sea-level.	Dry.	Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Direction.	Velocity. †	Max. since last observation.	Direction.	Precipitation. ††	Am't.	Kind.	Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

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Form No. 1001—Met'l. (1912 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

La Salle, Ill.

For the Month of October, *191*—.

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ...; No. of wet thermometer in use, ...; No. of maximum thermometer in use, ...; No. of minimum thermometer in use, ...

† Elevation above ground of the dry thermometer, ... feet; rain gage, ... feet; anemometer, ... feet.

If the office has been moved during the month, give date ——; amount of change in height of barometer, —— feet (higher or lower).

No. of extra barometer, 600; sum of corrections, −.011; date and observation upon which use of station barometer commenced, 8 a.m. Nov. 19, 1904; station elevation, 536 feet; actual elevation, 536 feet.

Location of office: Number 221 Gooding street, rooms 210 & 211; first observation taken in present office, 8:00 a.m. Nov. 19, 1904

* Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of October, 1912.

Number of Station barometer, 597; sum of corrections, -.005 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7 00 A. M. 90" MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7 04 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	64.0	29.726	-.100	29.626	30.21	41.0	40.0	39	92	.237	60.7	37.0	W	2			0	0	0	0	Clear		S.P.P.	1
2	66.5	29.752	-.107	29.645	30.22	43.6	40.8	38	79	.228	67.6	41.0	SW	2			0	0	0	0	Clear		S.P.P.	2
3	70.0	29.451	-.115	29.336	29.90	56.2	55.2	54	94	.417	73.0	43.6	SW	9			.22	10	St Cu	SW	Sprinkling		[illegible]	3
4	70.0	29.562	-.115	29.447	30.02	45.0	44.8	45	98	.298	67.0	43.5	W	2			0	0 Dense fog	0	W	* Clear		S.P.P.	4
5	68.0	29.708	-.111	29.597	30.17	53.0	50.0	47	82	.322	76.3	45.0	S	1			0	0	0	0	Clear		[illegible]	5
6	73.0	29.672	-.124	29.548	30.12	62.3	58.0	55	78	[illegible]	85.0	53.0	SW	6			0	0	0	0	Clear		T.P.P.	6
7	69.5	29.786	-.115	29.671	30.24	44.7	42.7	41	86	.256	55.2	44.0	NW	6			0	1	Cu St	NW	Clear		[illegible]	7
8	67.0	29.601	-.107	29.494	30.07	46.6	42.6	38	73	.228	61.0	43.7	E	4			0	1	Cu St	NW	Clear		[illegible]	8
9	66.0	29.318	-.104	29.214	29.78	55.6	54.6	54	94	.417	56.0	46.6	SE	4			.44	10	Nb	SE	Lt rain		[illegible]	9
10	67.0	29.582	-.107	29.475	30.05	55.0	54.0	53	94	.402	74.0	53.6	NE	6			.07	10	Nb	NE	Drizzling		[illegible]	10
11	68.0	29.521	-.110	29.411	29.98	55.0	54.5	54	97	.417	61.0	54.4	E	10			.31	10	St	E	[illegible]		[illegible]	11
12	67.0	29.604	-.107	29.473	30.06	47.3	42.3	36	66	.211	67.0	47.3	NW	18	37	NW	.06	4	St Cu	NW	Partly cloudy		[illegible]	12
13	65.0	29.861	-.103	29.758	30.35	43.0	40.5	38	81	.228	60.2	42.6	N	4			0	1	Cu St	N	Clear		S.P.P.	13
14	58.5	29.857	-.085	29.772	30.36	37.3	37.1	37	98	.219	62.7	35.4	W	3			0	0 Dense fog	0	W	* Clear		[illegible]	14
15	65.0	29.958	-.104	29.854	30.44	44.8	42.0	39	80	.237	66.0	37.3	NE	1			0	0	0	0	Clear		[illegible]	15
16	63.0	29.973	-.098	29.875	30.47	34.0	34.0	34	100	.195	62.7	34.0	NE	3			0	Dense fog		NE	Foggy		[illegible]	16
17	66.0	29.582	-.105	29.478	30.06	49.0	43.5	37	64	.219	67.7	34.0	SE	4			0	[illegible]	St	N	[illegible]		[illegible]	17
18	66.0	29.307	-.109	29.198	29.76	58.7	57.7	57	94	.46.5	71.0	48.5	S	5			T	10	St	SW	[illegible]		[illegible]	18
19	65.5	29.671	-.104	29.567	30.14	43.0	39.0	34	70	.195	73.2	42.6	N	10			0	0	0	0	Clear		S.P.P.	19
20	63.0	29.701	-.097	29.604	30.15	42.0	39.0	35	77	.203	57.0	37.8	SE	4			0	9	Cu St	N	Cloudy		S.P.P.	20
21	59.0	29.465	-.086	29.379	29.96	46.2	44.2	42	86	.266	65.3	42.0	SE	5			0	7	Cu St	E	[illegible]		[illegible]	21
22	66.0	29.521	-.105	29.416	29.99	43.5	42.7	42	94	.266	68.3	43.5	NW	10			1.16	10	St Nb	NW	Steady		[illegible]	22
23	63.0	29.543	-.093	29.450	30.25	31.0	30.2	29	91	.157	46.3	31.0	NW	5			0	0	0	0	Clear		S.P.P.	23
24	63.0	29.830	-.098	29.732	30.32	27.2	27.2	27	100	.143	50.0	27.2	NE	1			0	[illegible]	[illegible]	NE	Foggy		[illegible]	24
25	70.0	29.710	-.116	29.594	30.18	42.3	40.9	40	89	.247	58.7	27.[illegible]	N	3			0	[illegible]	[illegible]	NW	[illegible]		[illegible]	25
26	66.5	29.728	-.107	29.621	30.20	35.3	35.3	35	100	.203	64.4	35.3	NW	1			0	[illegible]	Nb Fog	NW	Foggy		[illegible]	26
27	63.5	29.602	-.098	29.504	30.08	47.3	40.8	[illegible]	57	.187	64.8	[illegible]	SW	7			0	0	0	0	Clear		[illegible]	27
28	61.5	29.521	-.072	29.448	30.00	48.3	45.5	43	83	.217	74.0	44.6	SE	[illegible]			0	2	Cu St	N	[illegible]		[illegible]	28
29	68.0	29.232	-.109	29.123	29.68	58.3	52.0	47	66	.322	73.7	48.3	SW	17			0	4	St	N	[illegible]		[illegible]	29
30	64.5	29.711	-.101	29.610	30.19	35.0	32.8	30	80	.164	64.0	35.0	SW	6			0	0	0	0	Clear		S.P.P.	30
31	64.0	29.617	-.099	29.518	30.11	40.2	39.6	39	95	.237	57.0	35.0	NE	6			.05	10	St	NE	[illegible]		[illegible]	31
Sums	(a)	(a)		915.735	933.64	1411.7	1348	1273	2638	8.295	(a)	(a)	(a)	167	(a)	(a)	2.31	117	(a)	(a)	(a)		(a)	(a)
Means	(a)	(a)		29.540	30.117	45.5	43.3	41.0	85.1	.268	(a)	(a)	(c) SW * W	5.4	(a)	(a)	(a)	3.8	(c)	(c)	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self register is out of order.

†† T indicates trace of precipitation.

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* Dry at times of fog

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of October, 1912.

Number of Station barometer, 597; sum of corrections, -.005 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90° MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.04 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1																	0								1
2																	0								2
3																	.01								3
4																	0					B 7:20a E 8:30a	B Dla E 7:20a		4
5																	0								5
6																	0								6
7																	0								7
8						50.0											.25								8
9																	.07								9
10																	T								10
11																	.05					B 9:00a E 8:00p			11
12																	0								12
13																	0					B 6:50a	B Dla		13
14																	0					E 7:30a	E 6:50a		14
15																	0					B 7:30a	B Dla		15
16																	0					E 8:30a	E 7:30a		16
17																	0								17
18																	T								18
19																	0								19
20																	0								20
21						55.2											.17								21
22																	.01								22
23																	0					B 8:2[illegible]	B Dla		23
24																	0					E	E 8:20a		24
25																	0					B 5:00p; cont'd cont'd; E 8:00a			25
26																	0					B 8:00a E 9:00a	B Dla E 8:00a		26
27																	0								27
28																	0								28
29																	.01								29
30																	0								30
31						38.3											.61								31
Sums		(a)	(a)								(a)	(a)	(a)		(a)	(a)	2.18		(a)	(a)	(a)	7	5	(a)	(a)
Means		(a)	(a)								(a)	(a)	(c)		(a)	(a)	(a)		(c)	(c)	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of October, 1912.

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. * ‡‡	Snow unmelted. 7 p.m. to 7 p.m. * ‡‡	Hail, sleet, and snow on ground at 7 p.m. * ‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1	68		29	6	54	58	−4	−4													0	.12	−.12	−.12	0				1
2	73	42	31	4	58	58	0	−4													0	.11	−.11	−.23	0	0	0	0	2
3	67	52	15	2	60	58	+2	−2	R	12 a	7:45 a										.23	.11	+.12	−.11	0	0	0	0	3
4	76	44	32	0	60	57	+3	+1													0	.10	−.10	−.21	0	0	0	0	4
5	85	52	33	8	68	57	+11	+12													0	.09	−.09	−.30					5
6	85	54	31	2	70	56	+14	+26													0	.09	−.09	−.39					6
7	61	44	17		52	56	−4	+22													0	.08	−.08	−.47					7
8	56	44	12	2	50	56	−6	+16	R	9:12 a	---										.59	.08	+.51	+.04	0	0	0	0	8
9	74	49	25	12	62	55	+7	+23	R	---	8:16 a	R	9:18 p	---							.24	.08	+.16	+.20	0	0	0	0	9
10	61	54	7	4	58	55	+3	+26	R	---	8:45 a	R	12 p	---							.14	.08	+.06	+.26	0	0	0	0	10
11	67	54	13	2	60	54	+6	+32	R	---	12 a	R	8:06 a	9:14 a	R	10:40 a	1:25 p	R R	3:35 p 7:25 p	6:18 p 7:50 p	.25	.07	+.21	+1.47	0	0	0	0	11
12	60	46	14	7	53	54	−1	+31													0	.07	−.07	+1.40	0	0	0	0	12
13	63	42	21	1	52	54	−2	+29													0	.07	−.07	+1.33	0	0	0	0	13
14	62	35	31	2	50	53	−3	+26													0	.08	−.08	+1.25	0	0	0	0	14
15	63	43	20	3	53	53	0	+26													0	.09	−.09	+1.16	0	0	0	0	15
16	68	34	34	2	51	52	−1	+25													0	.09	−.09	+1.07					16
17	71	47	24	8	59	52	+7	+32													0	.09	−.09	+.98					17
18	73	49	24	2	61	51	+10	+42	R	11 a	6:30 a	R	7:50 a	9:45 a							T	.08							18
19	57	40	17	13	48	51	−3	+39													0	.08	−.08	+.82	0	0	0	0	19
20	65	38	27	4	52	50	+2	+41													0	.08	−.08	+.74	0	0	0	0	20
21	62	45	23	4	56	50	+6	+47	R	3:09 p	3:42 p	R	4:45 p	---							.95	.08	+.87	+1.61	0	0	0	0	21
22	56	35	12	12	44	49	−5	+42	R	---	7:45 a	R	3:35 p	3:50 p							.37	.08							22
23	50	31	19	4	40	49	−9	+33													0	.08	−.08	+1.54	0	0	0	0	23
24	57	27	32	3	43	48	−5	+28													0	.07	−.07	+1.47	0	0	0	0	24
25	64	41	23	9	52	48	+4	+32													0	.07	−.07	+1.40	0	0	0	0	25
26	65	35	30	2	50	47	+3	+35													0	.07	−.07	+1.33	0	0	0	0	26
27	74	45	29	10	60	47	+13	+48													0	.07	−.07	+1.26	0	0	0	0	27
28	74	45	29	0	60	46	+14	+62													0	.07	−.07	+1.19	0	0	0	0	28
29	64	43	21	6	54	46	+8	+70	R	7:10 a	5:30 a										.01	.08	−.07	+1.12	0	0	0	0	29
30	52	35	17	10	44	45	−1	+69													0	.08	−.08	+1.04	0	0	0	0	30
31	42	38	4	4	40	45	−5	+64	R	5:35 a	---										.77	.07	+.70	+.04	0	0	0	0	31
S	2021	1255	676	166	1674	1610	Total excess or deficiency since January 1, +64		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	4.62	2.51	Total excess or deficiency since January 1, +2.11			(a)	(a)	(a)	
M	65.1	42.7	22.5	5.4	54.0	(a)	−6.3		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)				(a)	(a)	(a)	

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF October, 1912.

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.029)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.540	...		29.875	16"	29.123	29"	0.752
Corrected mean		29.520					

REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
30.117			30.47	16"	29.68	29"	0.79
Corrected mean		30.097	3,500-ft		10,000-ft		

TEMPERATURE.

MEAN. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
45.5			43.3			65.2	42.7	54.0				85	6"	27	24"	58	34	16"	4	31"

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
41.0			85.1			.268			0	0	2	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
5027	6.8	SW	39	SW	11"	0	5	2	5	2	6	6	5	0

WEATHER.

Mean cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
3.8	—	3.5	73	19	5	7	0	3	6

MISCELLANEOUS PHENOMENA.

Dates of—(midnight to midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
1-13	14-16	23	9-11-21-29	None	None	28"	4-11-14-16-24-25-26	4-14-16-24-26	None	None	None	None	None	None

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Am't.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Am't.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Am't.	Duration. h. m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
4.62	1.42	10-8 11"	—	—	—	—	—	—	1	9	8	5	1	10	0	0	0	0

(w) Maximum precipitation in 5 minutes .29, date 11"; 10 minutes .43, date 11"; 15 minutes .53, date 11"; 30 minutes .63, date 11"; 1 hour .78, date 11"; 2 hours .99, date 11"

EXCESSIVE.

Date.	Total duration. From—	To—	Total am't of precipitation.	Excessive rate. Began—	Ended—	Am't before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
11"	3:35p	6:18p	1.00	5:42p	5:57p	.45	.24	.42	.52											

*The duration is the time precipitation was actually recorded.

8—154

Prepared by S. P. Peterson. S. P. Peterson, O. R. Reed, Weather Bureau.

(6)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ills., for the Month of October, 1912.

Number of Station barometer, 597; sum of corrections, [illegible] inch.

Date.	Special Observations. Time. 75th Mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Am't.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
11	2:40p	1:40p	80.0	29.398	-.142	29.256	29.82	62.0	61.2	60	2	95	62.0	E	9	—	—	.05	10	Stcu	SE	Cloudy	Kobalt	S.P.F.	11
31	2:40p	1:40p	82.0	29.495	-.147	29.348	29.94	40.2	39.0	38	2	90	41.6	NE	12	—	—	.51	10	Nb	NE	Rain	Kobalt	S.P.F.	31

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

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Form No. 1001—Met'l. (1912 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

La Salle, Ill.

For the Month of November, 1912.

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ...; No. of wet thermometer in use, ...; No. of maximum thermometer in use, ...; No. of minimum thermometer in use, ...

† Elevation above ground of the dry thermometer, ... feet; rain gage, ... feet; anemometer, ... feet.

If the office has been moved during the month, give date —; amount of change in height of barometer, — feet (higher or lower).

No. of extra barometer, 600; sum of corrections, -.011; date and observation upon which use of station barometer commenced, 8 00 am Nov. 19, 1904; station elevation, 536 feet; actual elevation, 536 feet.

Location of office: Number 221 Gooding street, room 5 210 & 211; first observation taken in present office, 8 00 a m. Nov. 19, 1904

* Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at [illegible], for the Month of [illegible], 191[illegible].

Number of Station barometer, 597; sum of corrections, [illegible] inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:05 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.) (b)	Reduced to sea-level. (b)	Thermometers. Dry. (b)	Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Min. (b)	Wind. Dir.	Velocity. (b) †	Max. during preceding 12 hours.	Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	60.0	29.511	.089	29.422	30.01	24.0	21.7	28	79	.150	41.6	34.0	NW	10			.14	3	Ci St	NW	Pt Cldy		S.P.P.	1
2	60.0	29.743	.089	29.654	30.25	24.0	23.1	21	58	.108	40.2	23.7	N	4			0	0	0	0	Clear		S.P.P.	2
3	59.0	29.747	.087	29.660	30.26	30.3	28.3	25	78	.130	37.0	24.0	SW	6			0	1	Ci St	NW	Clear		S.P.P.	3
4	52.0	29.462	.067	29.395	29.99	42.0	37.0	30	62	.164	50.7	30.3	SW	12			0	3	Cu St	SW	Clear		S.P.P.	4
5	70.0	29.649	.116	29.533	30.11	45.0	44.0	43	92	.277	61.0	42.0	S	3			0	1	Cu	W	Pt Cldy		S.P.P.	5
6	73.0	29.390	.123	29.267	29.84	51.4	50.9	50	97	.360	56.5	44.8	N	5			.66	10	Nb	N	Sprinkling		S.P.P.	6
7	69.5	29.607	.114	29.493	30.08	32.3	31.8	31	95	.172	51.6	32.3	N	2			0	0	Fog	0	Clear		S.P.P.	7
8	68.0	29.516	.110	29.406	30.00	41.3	38.8	35	80	.203	55.0	32.3	W	9			0	0	0	0	Clear		S.P.P.	8
9	67.5	29.891	.111	29.780	30.38	33.0	30.0	25	71	.130	55.0	32.8	W	5			0	few	Ci St	W	Clear		S.P.P.	9
10	70.0	29.526	.115	29.411	30.00	49.8	44.3	39	65	.237	51.0	33.0	SW	5			0	5	Ci St	W	Pt Cldy		S.P.P.	10
11	[illegible]	29.397	.110	29.287	29.85	54.3	49.8	46	73	.310	68.0	49.8	SW	12			0	4	Ci St	W	Pt Cldy		S.P.P.	11
12	70.5	29.433	.117	29.316	29.88	57.5	54.0	52	80	.387	70.0	54.3	S	4			0	8	Cu St	W	Cloudy		S.P.P.	12
13	65.5	29.317	.103	29.214	29.78	37.4	36.4	35	91	.203	66.6	37.4	NW	16			.30	10	Nb	NW	Rain		S.P.P.	13
14	60.0	29.578	.089	29.489	30.08	31.0	29.0	26	79	.136	41.1	31.0	NW	12			0	few	Cu St	W	Clear		S.P.P.	14
15	59.5	29.854	.089	29.765	30.37	24.6	24.1	24	94	.124	42.7	24.6	0	0			0	0	Fog	0	Clear		S.P.P.	15
16	60.0	29.887	.090	29.797	30.41	34.0	31.3	28	75	.150	45.3	24.6	SW	7			0	0	0	0	Clear		S.P.P.	16
17	60.0	30.025	.090	29.925	30.54	37.0	37.7	35	85	.130	46.3	29.0	W	6			0	few	Cu St	W	Clear		S.P.P.	17
18	68.0	29.761	.111	29.650	30.24	34.2	31.7	28	77	.150	49.2	29.0	W	7			0	few	Ci St	W	Clear		S.P.P.	18
19	64.0	29.518	.097	29.417	30.00	38.0	36.0	33	83	.187	56.2	34.2	NW	7			0	1	Ci St	NW	Clear		S.P.P.	19
20	64.5	29.449	.101	29.348	29.93	41.2	38.2	34	77	.195	60.6	38.0	SW	6			0	3	Ci St	NW	Clear		S.P.P.	20
21	64.0	29.562	.099	29.463	30.04	45.0	41.0	36	71	.211	64.6	40.8	W	8			0	0	0	0	Clear		S.P.P.	21
22	63.0	29.621	.097	29.524	30.11	34.0	32.0	29	81	.157	51.4	38.8	SW	6			0	few	Cu St	W	Clear		S.P.P.	22
23	60.5	29.161	.089	29.072	29.65	39.6	35.6	30	68	.164	52.0	34.0	W	24			0	1	Cu St	W	Clear		S.P.P.	23
24	57.0	29.380	.081	29.299	29.89	33.2	31.0	28	79	.150	41.6	26.4	NW	18	25	W	T	9	Cu St	NW	Cloudy		S.P.P.	24
25	55.0	29.728	.076	29.652	30.25	26.3	25.1	23	86	.118	37.1	26.3	W	4			0	3	Ci St	W	Pt Cldy		S.P.P.	25
26	66.5	29.573	.106	29.467	30.07	27.8	26.3	24	82	.124	36.5	26.3	W	9			0	0	0	0	Clear		S.P.P.	26
27	59.0	29.770	.087	29.683	30.28	25.3	23.1	18	73	.093	35.3	25.3	N	7			0	1	Cu St	NW	Clear		S.P.P.	27
28	56.0	29.757	.077	29.670	30.27	17.6	15.9	17	90	.057	34.0	17.4	N	3			0	4	Cu St	NW	Cloudy		S.P.P.	28
29	59.0	29.571	.086	29.485	30.09	34.0	29.3	21	56	.108	42.1	17.6	SW	7			0	4	Ci St	W	Cloudy		S.P.P.	29
30	58.0	29.877	.085	29.792	30.39	24.2	23.5	22	91	.113	47.5	24.1	E	4			0	0	0	E	Clear		S.P.P.	30
31																								31
Sums	(a)	(a)		855.351	903.06	1073.3	1003.7	706	2377	5.230	(a)	(a)	(a)	225	(a)	(a)	1.10	71	(a)	(a)	(a)		(a)	(a)
Means	(a)	(a)		27.513	30.102	35.8	33.5	30.2	80.0	.174	(a)	(a)	(c) 16	7.5	(a)	(a)	(a)	2.3	(c)	(c)	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of November, 1912.

Number of Station barometer, 597; sum of corrections, -.005 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:04 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1																	T								1
2																	0								2
3																	0								3
4																	0								4
5																	T								5
6																	.40								6
7																	0				B 7:00a E 8:00a				7
8																	0								8
9																	0								9
10																	0								10
11																	0								11
12						55.0											.17								12
13																	T								13
14																	0								14
15																	0				B 7:00a E 7:00a B 7:40a E 10:30a E 7:40a				15
16																	0								16
17																	0								17
18																	0								18
19																	0								19
20																	0								20
21																	0								21
22																	=								22
23																	T								23
24																									24
25																	0								25
26																	0								26
27																	0								27
28																	0								28
29																	0								29
30																	0								30
31																									31
Sums		(a)	(a)								(a)	(a)	(a)		(a)	(a)	.57		(a)	(a)	(a)	2	1	(a)	(a)
Means		(a)	(a)								(a)	(a)	(c)		(a)	(a)	(a)		(c)	(c)	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of November, 1912.

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet melted. 7 p.m. to 7 p.m. * ‡‡	Snow melted. 7 p.m. to 7 p.m. * ‡‡	Hail, sleet, and snow on ground at 7 p.m. * ‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date
	°	°	°	°	°																In.				In.	In.	In.	In.	
Friday 1	40	30	10	5	35	44	-9	-9	R		Dua	S^{m}	$10^{45}a$	$11^{40}a$							.01	.09	-.08	-.08	0	×T	0	T	1
2	37	24	13	5	30	44	-14	-23													0	.09	-.09	.17	0	0	0	0	2
3	51	30	21	10	40	43	-3	-26													0	.09	-.09	-.26	0	0	0	0	3
4	61	40	21	10	50	43	+7	-19													0	.10	-.10	-.36	0	0	0	0	4
5	56	43	13	6	50	42	+8	-11	R	$1^{40}p$	$3^{55}p$	R	$6^{52}p$	---							.38	.13	+.25	-.11	0	0	0	0	5
6	55	36	19	4	46	42	+4	-7	R	---	$7^{45}a$	R	$9^{25}a$	$3^{58}p$							.68	.10	+.58	+.47	0	0	0	0	6
7	55	32	23	2	44	41	+3	-4													0	.10	-.10	+.37	0	0	0	0	7
8	55	41	14	4	48	41	+7	+3													0	.11	-.11	+.71	0	0	0	0	8
9	51	33	18	6	42	40	+2	+5													0	.11	-.11	+.18	0	0	0	0	9
10	63	45	23	14	56	40	+16	+21													0	.10	-.10	+.08	0	0	0	0	10
11	70	53	17	6	62	40	+22	+43													0	.10	-.10	-.02	0	0	0	0	11
12	67	52	15	2	60	39	+21	+64	R	$1^{35}p$	$1^{45}p$	R	$1^{34}p$	$1^{40}p$	R	$5^{40}p$	---				.26	.10	+.16	+.14	0	0	0	0	12
13	52	36	16	16	44	39	+5	+69	R	---	$5^{15}a$										.21	.10	+.11	+.25	0	0	0	0	13
14	42	29	13	8	36	38	-2	+67													0	.09	-.09	+.16	0	0	0	0	14
15	45	25	20	1	35	38	-3	+64													0	.09	-.09	-.07	0	0	0	0	15
16	46	31	15	3	38	37	+1	+65													0	.09	-.09	-.09	0	0	0	0	16
17	49	29	20	1	39	37	+2	+67													0	.09	-.09	-.11	0	0	0	0	17
18	56	33	23	5	44	37	+7	+74													0	.09	-.09	-.20	0	0	0	0	18
19	61	37	24	5	49	36	+13	+87													0	.08	-.08	-.28	0	0	0	0	19
20	65	38	27	3	52	36	+16	+103													0	.08	-.08	-.36	0	0	0	0	20
21	54	35	19	8	44	35	+9	+112													0	.07	-.07	+.45	0	0	0	0	21
22	52	34	18	1	43	35	+8	+120													0	.07	-.07	+.54	0	0	0	0	22
23	47	27	20	6	37	35	+2	+122	R	$10^{20}a$	$10^{35}a$										T	.05	-.05	+.62	0	0	0	0	23
24	37	26	11	5	32	34	-2	+120	S^{d}	Dla	1ka										T	.05	-.05	+.70	0	0	0	0	24
25	36	26	10	1	31	34	-3	+117													0	.07	-.07	+.63	0	0	0	0	25
26	35	28	7	1	32	34	-2	+115													0	.06	-.06	+.57	0	0	0	0	26
27	34	25	9	2	30	33	-3	+112													0	.06	-.06	+.51	0	0	0	0	27
28	42	28	13	6	35	33	-3	+109													0	.07	-.07	+.44	0	0	0	0	28
29	48	29	19	8	38	33	+5	+114													0	.07	-.07	+.37	0	0	0	0	29
30	50	24	26	1	37	32	+5	+119													0	.07	-.07	+.30	0	0	0	0	30
31																													31
S.	1518	791	727	143	1254	1135	Total excess or deficiency since January 1.		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	1.54	1.09	Total excess or deficiency since January 1.		0	0.1	(a)	(a)	(a)
M.	50.6	33.0	17.6	4.8	41.8	(a)		-544	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)		-3.25	(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^{d}—dry snow, S^{m}—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

 × Melted as it fell.

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SUMMARY FOR THE MONTH OF November, 1912.

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.015)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.513			29.938	17"	29.072	23"	0.866	30.102			30.54	17"	29.65	23"	0.89
Corrected mean		29.498						Corrected mean		30.087	3,500-ft.			10,000-ft.	

TEMPERATURE.

MEAN. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
35.8			33.5			50.6	33.0	41.8				70	11"	19	28"	51	27	20"	7	26"

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative Humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor Pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
30.2			80.0			.174			0	0	15	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
6305	8.8	SW	31	SW	4"	2	0	1	0	2	9	11	4	1

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
3.0		4.7	64	11	13	6	0	1	4

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	—	12"	None	None	25"	7-15"	15"	None	None	2-9-16-30	None	None	None

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Am't.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Am't.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Am't.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
1.54	1.06	5" 6"	—	—	—	—	—	—	2	5	4	3	0	7	2	0	0.1	0

(w) Maximum precipitation in 5 minutes .06, date 12"; 10 minutes .09, date 12"; 15 minutes .11, date 12";
30 minutes .13, date 12"; 1 hour .17, date 12"; 2 hours .24, date 12"

EXCESSIVE.

Date.	Total Duration. From—	To—	Total am't of precipitation.	Excessive Rate. Began—	Ended—	Am't before excessive began.	Accumulated Depths during Excessive Rate, for Consecutive Periods of Time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
None recorded.																				

Tipping bucket was taken down on the (9)

*The duration is the time precipitation was actually recorded.

8—154

Prepared by S. P. Peterson S. P. Peterson, Observer, Weather Bureau.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of November, 1912.

Number of Station barometer, 597; sum of corrections, -.005 inch.

Date.	SPECIAL OBSERVATIONS.																								Date.
	Time.		Barometer.					Thermometers.						Wind.					Clouds.						
	75th Mer.	Local (standard).	Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.)	Reduced to sea-level.	Dry.	Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Direction.	Velocity. †	Max. since last observation.	Direction.	Precipitation. ††	Am't.	Kind.	Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

S. 154

Form No. 1001—Met'l. (1912 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

La Salle, Ill.

For the Month of December, 1912.

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, 4849; No. of wet thermometer in use, 4887; No. of maximum thermometer in use, 9779; No. of minimum thermometer in use, 9234

† Elevation above ground of the dry thermometer, 56 feet; rain gage, 49 feet; anemometer, 64 feet.

If the office has been moved during the month, give date —; amount of change in height of barometer, — feet (higher or lower).

No. of extra barometer, 600; sum of corrections, -.011; date and observation upon which use of station barometer commenced, 8:00 a.m. Nov. 19, 1904; station elevation, 536 feet; actual elevation, 536 feet.

Location of office: Number 221 Gooding street, rooms 210 & 211; first observation taken in present office, 8:00 a. m. Nov. 19, 1904

* Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of December, 1912.

Number of Station barometer, 597; sum of corrections, -.005 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	65.0	29.596	.102	29.496	30.09	45.0	42.3	40	81	.247	49.6	24.2	S	9			.06	10	ast	SW	Cloudy		S.P.P.	1
2	65.5	29.307	.103	29.204	29.77	36.4	35.6	35	93	.203	56.7	36.4	W	20	32	NW	.12	10	vb	NW	Rain		S.P.P.	2
3	57.0	29.583	.081	29.502	30.10	26.3	25.1	23	86	.118	36.7	24.9	SW	5			0	6 / 3	acu / ast	SW / SW	Cloudy		S.P.P.	3
4	61.5	29.483	.093	29.390	29.99	35.6	34.8	34	93	.195	40.4	26.3	SW	5			T	10	st	SW	Cloudy		S.P.P.	4
5	64.5	29.399	.101	29.298	29.88	47.4	47.2	47	98	.322	47.4	34.8	SE	4			.05	10 / 8	vb / st	SE / SE	Misting / Fog		S.P.P.	5
6	58.5	29.637	.085	29.552	30.14	24.2	22.2	18	74	.093	56.8	23.8	W	20	35	SW	0	10	stcu	W	Cloudy		S.P.P.	6
7	49.0	29.661	.089	29.602	30.20	19.3	18.3	16	85	.085	32.4	19.1	SW	6			0	few	cirst	W	Clear		S.P.P.	7
8	56.5	29.612	.080	29.532	30.13	31.0	27.5	21	63	.108	41.0	19.3	NW	21			0	10	stcu	W	Cloudy		S.P.P.	8
9	52.0	29.833	.068	29.765	30.37	11.8	10.4	6	72	.052	31.0	11.5	SW	12			0	0	0	0	Clear		S.P.P.	9
10	53.0	29.210	.069	29.141	29.73	33.7	28.7	20	53	.103	35.2	11.8	SW	16			0	few	cirst	W	Clear		S.P.P.	10
11	56.0	29.661	.078	29.583	30.18	17.6	15.4	9	65	.060	40.3	17.6	W	15			0	few	cirst	NW	Clear		S.P.P.	11
12	[illegible]	30.[illegible]	.052	29.975	30.60	3.4	2.6	-2	77	.034	17.9	3.4	W	12			0	0	0	0	Clear		S.P.P.	12
13	50.0	29.663	.062	29.601	30.20	26.7	23.0	15	56	.081	26.7	3.4	SW	14			0	few	cirst	NW	Clear		S.P.P.	13
14	57.5	29.568	.082	29.486	30.08	28.6	27.7	26	90	.136	46.1	26.7	SW	3			0	5	cirst	W	Cloudy		S.P.P.	14
15	60.0	29.216	.088	29.128	29.71	39.2	36.7	33	80	.187	48.0	28.6	W	16			0	3	cucu	W	Clear		S.P.P.	15
16	61.0	29.544	.091	29.453	30.04	34.0	33.1	32	91	.180	48.2	34.0	NE	2			0	10	cust	W	Cloudy		S.P.P.	16
17	62.5	29.[illegible]	.014	28.728	29.50	38.8	36.8	34	84	.195	44.0	33.4	SW	15			.48	3	stcu	W	Clear		S.P.P.	17
18	60.5	29.384	.090	29.294	29.87	32.3	29.8	26	75	.136	39.1	32.3	W	7			0	10	stcu	W	Cloudy		[illegible]	18
19	58.0	29.475	.083	29.393	30.00	28.2	25.2	19	66	.098	29.9	27.2	W	10			T	10	stcu	W	Partly cloudy		[illegible]	19
20	59.5	29.408	.088	29.320	29.91	30.6	27.1	27	84	.143	34.2	28.2	SW	13			0	8	stcu	SW	Cloudy		[illegible]	20
21	52.0	29.830	.068	29.762	30.37	16.0	14.5	10	74	.063	31.3	16.0	W	7			0	few	cirst	W	Clear		[illegible]	21
22	50.0	29.932	.077	29.855	30.47	17.7	16.6	14	83	.077	32.8	16.0	W	6			0	10	cirst	NW	Cloudy		[illegible]	22
23	52.0	29.630	.068	29.562	30.16	25.2	22.9	18	70	.093	30.0	16.8	SW	12			0	3	cirst	W	Clear		[illegible]	23
24	56.0	29.517	.075	29.442	30.04	32.3	32.4	[illegible]	74	.113	40.0	[illegible]	W	[illegible]			0	8	[illegible]	W	Clear		[illegible]	24
25	58.0	29.574	.083	29.491	30.09	32.5	29.0	24	66	.124	44.7	22.2	W	10			0	0	0	0	Clear		S.P.P.	25
26	54.5	29.554	.074	29.480	30.07	30.0	28.7	26	86	.136	44.0	30.0	SW	5			0	10	stcu	SW	Cloudy		S.P.P.	26
27	57.1	29.663	.087	29.576	30.18	20.7	17.4	16	75	.085	27.5	20.0	NW	17			T	10	[illegible]	[illegible]	[illegible]		[illegible]	27
28	59.5	29.540	.088	29.452	30.05	26.2	23.9	19	72	.098	28.4	20.3	SW	5			0	0	[illegible]	[illegible]	Clear		[illegible]	28
29	58.5	29.420	.084	29.336	29.93	[illegible]	27.5	26	74	.136	49.5	26.1	[illegible]	2			0	6	cirst	W	Partly cloudy		S.P.P.	29
30	57.5	29.077	.081	28.996	29.53	31.0	[illegible]	27	87	.157	41.5	31.0	W	16			.06	10	stcu	NW	Cloudy		S.P.P.	30
31	58.0	29.302	.083	29.219	29.81	36.5	32.9	27	69	.143	41.5	28.3	W	7			0	3	[illegible]	W	[illegible]		[illegible]	31
Sums		(a)	(a)	712.51[illegible]	721.[illegible]	881.08	[illegible]	710	4204	4.001	(a)	(a)	(a)	317	(a)	(a)	[illegible]	177	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.446	30.040	28.4	26.5	22.9	78.1	.129	(a)	(a)	(c) W	10.2	(a)	(a)	(a)	[illegible]	(c) [illegible]	(c) [illegible]	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of December, 1912.

Number of Station barometer, 597; sum of corrections, -.005 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90° MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.04 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1						54.2											.02								1
2																	T								2
3						39.0											.19								3
4																	0								4
5																	T					B Dila Eloisa			5
6																	0								6
7																	0								7
8																	T								8
9																	0								9
10																	0								10
11																	0								11
12																	0								12
13																	0								13
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23																	0								23
24																	0								24
25																	0								25
26																	T								26
27																	T								27
28																	0								28
29																	0								29
30																	0								30
31																	0								31
Sums		(a)	(a)								(a)	(a)	(a)		(a)	(a)	.21		(a)	(a)	(a)	1	0	(a)	(a)
Means		(a)	(a)								(a)	(a)	(c)		(a)	(a)	(a)		(c)	(c)	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of December, 1912.

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. * ‡‡	Snow unmelted. 7 p.m. to 7 p.m. * ‡‡	Hail, sleet, and snow on ground at 7 p.m. * ‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1	57	44	13	13	50	32	+18	+18	R	9 11a	6 30a	R	11 10a	1 10p	R	5 35p	---				* .13	.06	+.07	+.07	0	0	0	0	1
2	57	26	31	8	42	32	+10	+28	R	---	7 20a	R* S[illegible]	7 20a	7 30a	S[illegible]	7 30a	7 50a	S[illegible]	8 25a	9 --a	* .07	.06	+.01	+.08	0	T	0	T	2
3	46	25	15	10	32	31	+ 1	+29	R* Se	1 18p	1 48p	R	1 48p	7 30p	R	9 15p	9 45p				* .17	.06	+.13	+.21	* T	0	0	0	3
4	46	35	11	8	40	31	+ 9	+38	R	1 20p	9 45p	R	9 11p								* .05	.06	-.01	+.20	0	0	0	0	4
5	57	32	25	4	44	31	+13	+51	R	-	8 35a										T	.06	-.06	+.14	-	-			5
6	32	21	11	15	26	30	- 4	+47													0	.07	-.07	+.07					6
7	41	19	22	9	30	30	0	+47													0	.07	-.07	+0	0	0	0	0	7
8	38	13	25	4	26	30	- 4	+43	S*	8 55a	3 40p										T	.08	-.08	-.08	0	T	0	T	8
9	34	12	22	3	23	30	- 7	+36													0	.08	-.08	-.16	0	0	0	0	9
10	40	25	15	7	32	29	+ 3	+39													0	.08	-.08	-.24	0				10
11	26	6	20	16	16	29	-13	+26													0	.08	-.08	-.32	0				11
12	21	3	18	4	12	29	-17	+ 9													0	.08	-.08	-.40	0				12
13	46	21	25	22	34	28	+ 6	+15													0	.08	.08	.48	0	0	0	0	13
14	48	27	19	4	38	28	+10	+25													0	.09	.09	.57	0	0	0	0	14
15	48	36	12	4	42	28	+14	+39													0	.09	.09	.66	0	0	0	0	15
16	43	33	10	4	39	28	+10	+49	R	8 07p	-										* .32	.09	+.23	.43					16
17	44	35	9	2	40	27	+13	+62	R		X 11a										* .16	.09	+.07	.26	0				17
18	35	27	7	8	31	27	+ 5	+67	S*	12 18p	12 35p	S*	2 20p	4 50p							T	.08	-.08	.44	0	T	T	T	18
19	34	27	7	2	30	26	+ 4	+71	S*	6 40a	7 05a										T	.08	-.08	.52	0	T	0	T	19
20	34	19	15	4	26	26	+ 0	+71	S*	8 11a	9 05a	S*	11 55a	2 10p							T	.08	-.08	.60	0	T	0	T	20
21	[illegible]	[illegible]	17	2	24	26	- 2	+69													0	.08	-.08	.68					21
22	31	17	14	0	24	25	- 1	+68													0	.08	-.08	.76					22
23	42	28	19	3	32	25	+ 7	+75													0	.07	-.07	.83					23
24	45	22	23	2	34	25	+ 9	+84													0	.07	-.07	.90	0		0		24
25	44	31	13	4	38	25	+13	+97													0	.06	-.06	.96	0	0	0		25
26	38	23	15	8	30	25	+ 5	+102	S*	10 45a	12 15p										T	.06	-.06	1.02	0	T	0	T	26
27	28	20	8	6	24	24	0	+102	S*	7 11a	10 56a										T	.06	-.06	1.08	0	T	0	T	27
28	50	25	25	14	38	24	+14	+116													0	.07	-.07	1.15	0	0	0	0	28
29	42	31	11	2	36	24	+12	+128	R	7 10p											* .04	.07	-.03	1.18	0	0	0	0	29
30	41	28	13	2	34	24	+10	+138	R		2 11a										* .0[illegible]	.07	-.03	1.[illegible]					30
31	43	30	13	2	36	24	+12	+150													0	.07	-.07	[illegible]				0	31
S	1257	755	502	161	1003	755		Total excess or deficiency since January 1, −394	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	2.75	2.06		Total excess or deficiency since January 1, −7.10	T	T	(a)	(a)	S
M	40.5	24.4	16.1	6.5	32.4	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	M

All data are in the standard of time in local use. ‡ Use the following abbreviations. R—rain, S*—dry snow, S**—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

X Sleet on ground.
* Melted as it fell.

SUMMARY FOR THE MONTH OF December, 1912.

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.009)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.446			29.975	12"	28.928	17"	1.047
Corrected mean		29.437					

REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
30.04a			30.60	12"	29.50	17"	1.10
Corrected mean		30.031	3,500-ft			10,000-ft	

TEMPERATURE.

MEAN. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
28.4			26.5			40.5	24.4	32.4				57	5"	3	12"	54	31	2"	7	19"

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative Humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor Pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
22.9			78.1			.129			4	0	26 ~~25~~	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
7844	10.5	W	35	SW	5"	0	1	0	1	2	12	13	2	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
5.7		5.0	61	10	9	12	0	2	6

MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	—	None	None	None		5"	None	None	None	24"	None	None	None

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Am't.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Am't.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Am't.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
0.98	0.48	16 8.. 17	—	—	—	—	—	—	7	8	7	1	0	15	7	0	T	0

None recorded. Tipping bucket gage not in use.

(w) Maximum precipitation in 5 minutes _____, date _____; 10 minutes _____, date _____; 15 minutes _____, date _____;

30 minutes _____, date _____; 1 hour _____, date _____; 2 hours _____, date _____

EXCESSIVE.

Date.	Total Duration. From—	To—	Total am't of precipitation.	Excessive Rate. Began—	Ended—	Am't before excessive began.	Accumulated Depths during Excessive Rate, for Consecutive Periods of Time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
None recorded. Tipping bucket gage not in use.																				

*The duration is the time precipitation was actually recorded.

8—154

Prepared by S. P. Peterson

S. P. Peterson, Observer, Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of December, 1912.

Number of Station barometer, 597; sum of corrections, [illegible] inch.

Date.	Special Observations. Time. 75th Mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity.†	Wind. Max. since last observation.	Wind. Direction.	Precipitation.††	Clouds. Am't.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
9	12:40p	11:40a	75.0	29.737	.130	29.607	30.21	27.5	22.0	7	20	37	27.5	SW	15	22	SW	0	0	0	0	Clear	Halo	[illegible]	9
19	4:00p	3:00p	77.0	29.360	.133	29.227	29.82	33.5	29.5	23	10	62	34.0	SE	11			T	4	cirr	SW	[illegible]	[illegible]	[illegible]	19
23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	29.97	42.0	33.0	17	25	34	42.0	SW	24	25	SW	0	9	cirr	NW	Cloudy	[illegible]	[illegible]	23
29	12:55p	11:55a	78.5	[illegible]	.116	[illegible]	29.50	35.8	33.8	37	12	60	35.5	S	12			0	10	cirr	SW	Cloudy	[illegible]	[illegible]	29

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

Form No. 1002—Met'l.

U. S. Department of Agriculture,

WEATHER BUREAU.

ANNUAL METEOROLOGICAL SUMMARY

FOR

1912

STATION:

La Salle, Ill.

LOCATION OF OFFICE DECEMBER 31, 1912

Street, Gooding

Number, 221

Room, 210 & 211

SUM OF BAROMETER CORRECTIONS.

From 7 a.m. Jan. 1 *to* 7 p.m. Dec. 31 *inc.,* — *in.*

From ..... *m.* ..... *to* ..... *m.* ..... *inc.,* ..... *in.*

From ..... *m.* ..... *to* ..... *m.* ..... *inc.,* ..... *in.*

ANNUAL METEOROLOGICAL SUMMARY FOR 1912.—STATION La Salle, Ill.

Latitude N. 41° 20'. Longitude W. 89° 05'. Local time 6 h. 56 min. (t) slower than 75th meridian time.

MONTHS.	STATION PRESSURE. (Corrected for temperature, instrumental error, gravity, and removal.) Station Elevation of Barometer Cistern Above Mean Sea-Level, 536 Feet. Mean. 8 a. m. (c) In.	Mean. 8 p. m. (c) In.	Mean. Corrected monthly. (c) In.	Highest observed. (c) In.	Date.	Lowest observed. (c) In.	Date.	Absolute range. (c) In.	TEMPERATURE. Elevation of Dry Thermometer Bulb Above Ground on Dec. 31, 536 Feet. Mean. 8 a. m. (d) °	Mean. 8 p. m. (d) °	From Self-Registering Instruments. Mean. Max. (d) °	Mean. Min. (d) °	Mean. Monthly. (d) °	Highest. (c) °	Date.	Lowest. (e) °	Date.	Range. Absolute. (e) °	Range. Mean daily. (d) °	Mean daily change. (d) °	No. of Days. Max. 32° or below	Max. 90° or above	Min. 32° or below
Jan.,	29.573		29.565	30.064	12	29.109	8	0.955	6.2		16.5	2.4	9.4	39	22	-16	7	55	14.2	6.1	27	[illegible]	[illegible]
Feb.,	29.478		29.467	29.893	13	28.829	26	1.064	16.4		26.9	13.6	20.2	50	17	-7	4	57	13.3	6.8	18	0	[illegible]
Mar.,	29.622		29.604	30.118	2	29.086	29	1.032	23.0		35.8	20.0	27.9	62	31	2	1	60	15.8	4.4	11	0	[illegible]
April,	29.425		29.405	29.803	8	29.060	14	0.743	44.5		60.6	40.6	50.6	74	14	31	18	43	20.0	6.5	0	0	[illegible]
May,	29.369		29.345	29.707	13	28.893	28	0.814	58.1		74.9	53.1	64.0	88	23	38	13	50	21.7	5.1	[illegible]	[illegible]	[illegible]
June,	29.517		29.490	29.839	8	28.969	15	0.870	61.6		79.6	56.6	68.1	92	26	41	8	51	23.0	3.9	0	[illegible]	[illegible]
July,	29.484		29.458	29.765	17	29.216	24	0.549	68.3		85.5	63.4	74.4	96	5	51	17	45	22.1	4.4	0	7	0
Aug.,	29.416		29.392	29.736	4	29.120	22	0.616	64.9		80.9	61.3	71.1	95	31	46	4	49	19.6	4.7	0	[illegible]	[illegible]
Sept.,	29.489		29.468	29.881	29	29.227	18	0.654	59.5		76.6	56.3	66.4	97	8	35	30	62	20.2	3.7	0	8	0
Oct.,	29.540		29.520	29.875	16	29.123	29	0.752	45.5		65.2	42.7	54.0	85	6	27	24	58	22.5	5.4	0	0	2
Nov.,	29.513		29.498	29.935	17	[illegible]	23	0.866	38.8		50.6	33.0	41.8	76	11	17	18	51	17.6	4.8	0	0	[illegible]
Dec.,	[illegible]		[illegible]	29.975	12	28.929	17	1.047	28.4		40.5	24.4	[illegible]	57	5	3	1	[illegible]	[illegible]	[illegible]	4	[illegible]	26
Sum,	353.872		353.649	Highest.	Date.	Lowest.	Date.	9.962	512.2		693.6	467.4	580.3	Max.	Date.	Min.	Date.	635	226.2	62.3	60	24	134
Mean,	29.489		29.471	30.118	Mar. 2	28.929	Feb. 26	0.830	42.7		57.8	39.0	48.4	97	Sept. 5	-16	June 7	53	18.8	5.2	"	"	"

a Omit data from this space. c To thousandths. d To tenths. e To whole numbers. f Enter the word "faster," or "slower," as the case may be.

MONTHS.	CORRECTED MEAN MONTHLY REDUCED PRESSURES AND MEAN MONTHLY REDUCED TEMPERATURES.						DEW-POINT.			RELATIVE HUMIDITY (Percentage).			VAPOR PRESSURE.			PRECIPITATION. (Amount in inches and hundredths.) ELEVATION OF TOP OF GAGE ABOVE GROUND DEC. 31, 49 FEET.									SNOWFALL (total depth.)
	SEA-LEVEL.		3,500-FOOT.		10,000-FOOT.		MEAN.			MEAN.			MEAN.			TOTAL AMOUNT.	GREATEST AMOUNT IN ANY 24 CONSECUTIVE HOURS.		EXCESSIVE. 2.50 inches in 24 hours. (g) (h)			EXCESSIVE. 1 inch per hour. (g)			
	Pressure. (c)	Temperature. (d)	Pressure. (b)	Temperature. (d)	Pressure. (b)	Temperature. (d)	8 a. m. (e)	8 p. m. (e)	Monthly. (e)	8 a. m. (e)	8 p. m. (e)	Monthly. (e)	8 a. m. (c)	8 p. m. (c)	Monthly. (c)		Amt.	Date.	Amt.	Dur't'n. (h.&m.)	Date.	Amt.	Dur't'n. (h.&m.)	Date.	
	In.	°	In.	°	In.	°	°	°	°	%	%	%	In.	In.	In.	In.	In.		In.			In.			In.
Jan.,	30.177						3			86			.054			0.13	.06	8"	—	—	—	—	—	—	.5
Feb.,	30.069						13			85			.089			0.73	0.41	25" 26"	—	—	—	—	—	—	10.0
Mar.,	30.205						19			85			.112			1.47	0.60	20" 21"	—	—	—	—	—	—	15.8
April,	29.981						38			79			.239			2.98	1.29	28" 29"	—	—	—	—	—		.5
May,	29.912						51			78			.388			3.73	1.19	11" 12"	—	—		—	—	—	
June,	30.059						54			78			.432			2.77	1.18	13" 14"	—	—	—		—	—	
July,	30.022						63			83			.586			2.40	1.08	1" 2"	—	—	—	1.00	0.22		
Aug.,	29.957						60			85			.536			4.35	2.85	19"	2.85	13:31	19"	—	—	—	
Sept.,	30.038						55			85			.461			2.54	1.06	14" 15"	—	—	—	—			
Oct.,	30.097						41			85			.268			4.62	1.42	10" 11"	—						
Nov.,	30.087						30			80			.174			1.54	1.06	5" 6"	—			—	—	—	
Dec.,	30.031						23			78			.129			0.98	0.48	16" 17	—	—	—	—	—	—	—
Sum,	360.635						450			987			3.468			28.24	a	a	a	a	a	a	a	a	33.9
Mean,	30.053						38			82			.289			a	2.85	any 19	a	a	a	a	a	a	a

b To hundredths. *g* No entry unless the precipitation actually equaled or exceeded 2.50 inches in 24 consecutive hours, or 1 inch per hour, as the case may be. *h* The duration is the time precipitation was actually recorded.

Months.	Mean Cloudiness. (0 to 10.) 8 a.m. (c)	8 p.m. (d)	Monthly. (d)	Hours of Sunshine. Total.	Possible.	Percentage.	Wind. Elevation of Anemometer Cups Above Ground Dec. 31, 64 Feet. Total Movement in Miles.	Prevailing Direction.	Maximum Hourly Velocity During Month. Miles.	From.	Date.	No. of Days with 40 Miles and Over. (h)	Direction. Number of Times Observed Blowing from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	No. of Calms.	Number of Days. Clear.*	Partly Cloudy.*	Cloudy.*	Precipitation. .01 inch and over.	.04 inch and over.	Snow, trace and over.	Snow, .01 inch and over.	Hail.	Dense Fog.	Thunderstorms.	Auroras.
Jan.,	5.5		5.9	147.1	298.2	49	6442	W	26	W	4	0	3	5	2	2	0	5	7	7	0	10	9	12	5	1	17	4	0	0	0		
Feb.,	5.6		6.6	164.1	309.5	53	6360	W	33	NE	26	0	3	4	0	2	2	5	11	2	0	7	8	14	7	6	12	6	0	2			
Mar.,	6.1		5.9	219.4	370.8	59	6450	NE	32	NE	20	0	2	10	4	2	1	4	6	2	0	5	17	9	8	6	11	7	0				
April,	4.0		5.1	282.7	399.9	71	8123	SW	37	SW	26	0	2	6	2	1	4	7	4	4	0	11	9	10	9	9	2	2	0	1	2		
May,	5.0		5.0	314.3	449.0	70	6680	SW	39	SW	27	0	3	5	3	4	3	9	1	3	0	12	10	9	13	9	0	0	0	0	[illegible]		
June,	4.0		3.8	347.1	452.0	77	4678	NE	27	NE	30	0	3	5	5	2	2	5	5	3	0	16	9	5	10	6	0	0	0	0	[illegible]		
July,	4.5		4.7	347.9	458.3	76	4880	SW	25	NW	10	0	3	6	6	1	3	5	[illegible]	4	0	14	9	8	9	7	0	0	0	0	[illegible]		
Aug.,	5.1		5.4	266.8	426.9	62	4909	SW	25	SW	24	0	0	3	6	3	0	10	6	3	0	9	13	9	6	6	0	0	0	1	[illegible]		
Sept.,	3.8		4.6	234.8	374.0	63	4118	SW	24	SW	25	0	2	5	3	3	5	6	2	3	1	14	6	10	8	8	0	0	0	0	7		
Oct.,	3.8		3.5	251.2	344.1	73	5027	SW	39	SW	11	0	0	5	2	5	2	6	6	5	0	19	5	7	9	8	0	0	0	5	4		
Nov.,	3.0		4.7	188.9	297.0	64	6305	SW	31	SW	4	0	2	0	1	0	2	9	11	4	1	11	13	6	5	4	2	0	0	1	1		
Dec.,	5.1		5.0	176.3	297.3	61	7844	W	35	SW	5	0	0	1	0	1	2	12	13	2	0	10	9	12	[illegible]	7	7	0	0	0	[illegible]		
Sum,	56.4		60.7	2940.6	4467.0	778	77778	"	"	"	"	0	23	55	34	26	22	68	75	41	2	138	117	111	77	74	51	19	0	11	50		
Mean,	4.7		5.0	245.0	372.2	65	"	SW	37	SW	j Mar. 27	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	

h Days with 40 miles per hour and over. j One entry only. * From sunrise to sunset.

WIND.

Mean Hourly Velocity.

MONTHS.	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	12 Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	12 Mid't.	For the Month.
Jan.,	8.2	8.4	8.3	8.1	8.4	8.0	7.8	7.7	8.2	8.9	9.4	9.6	10.1	10.8	10.1	10.0	9.0	8.3	8.2	7.9	7.9	8.1	8.4	8.2	[illegible]
Feb.,	8.1	8.3	8.8	7.9	8.0	7.7	7.5	7.9	9.1	9.8	10.4	10.6	10.8	11.5	11.1	11.2	10.3	9.1	8.8	8.2	8.1	8.7	8.8	8.7	[illegible]
Mar.,	7.2	7.2	7.0	7.0	7.5	7.5	7.8	8.3	9.2	9.9	10.3	10.1	10.3	10.9	11.4	11.0	10.3	9.5	8.3	7.8	7.8	7.3	7.2	7.3	8.7
April,	9.2	9.2	9.1	9.5	9.5	9.9	9.7	11.6	12.3	13.5	13.9	14.2	14.6	14.9	14.7	13.8	13.4	11.3	9.9	9.0	9.3	9.5	9.5	9.4	11.3
May,	8.0	7.1	7.1	6.7	6.1	6.6	7.8	9.5	10.5	11.3	11.9	11.5	11.2	11.6	12.0	12.0	11.8	9.9	8.0	6.3	6.1	7.0	7.4	8.2	9.0
June,	4.3	4.5	4.3	3.9	3.5	4.2	4.6	6.0	7.3	8.6	9.1	9.1	9.3	9.2	9.7	9.4	9.7	8.5	6.9	4.8	4.2	4.9	4.6	4.9	[illegible]
July,	5.3	4.9	5.3	5.2	4.7	5.4	5.9	6.3	6.5	7.5	7.9	8.3	8.8	8.6	9.2	8.9	8.9	7.5	6.6	5.5	5.3	5.4	4.8	4.9	[illegible]
Aug.,	4.0	4.4	4.8	4.9	4.3	4.3	4.9	6.2	7.3	7.6	9.0	8.5	9.7	10.3	10.2	9.6	8.8	7.5	6.1	5.2	5.5	5.3	5.5	4.6	[illegible]
Sept.,	4.4	4.4	4.5	4.4	4.0	3.7	4.0	5.1	6.5	7.5	8.2	8.3	8.8	8.6	8.0	7.5	6.8	5.0	4.4	4.6	4.6	4.9	4.7	4.4	5.7
Oct.,	5.8	5.4	5.2	5.3	5.0	5.1	5.3	5.8	6.7	8.1	9.5	10.0	10.1	10.1	9.8	8.7	6.6	5.3	4.9	5.5	5.8	6.2	6.1	5.9	[illegible]
Nov.,	7.1	7.1	7.2	7.1	7.4	7.5	7.5	7.6	9.2	10.6	12.1	12.5	13.0	13.3	12.2	11.0	8.1	7.1	7.2	7.3	7.2	6.6	7.2	[illegible]	8.8
Dec.,	10.0	10.0	10.1	9.8	10.1	9.5	9.8	9.8	10.1	11.5	12.0	12.5	12.6	12.8	12.3	10.7	9.3	9.0	9.0	10.0	10.4	11.2	10.5	10.0	10.5
Sum,	81.6	80.9	81.7	79.8	75.5	79.4	82.6	91.8	102.9	114.8	123.7	125.2	129.3	132.6	130.7	123.8	113.0	98.0	88.3	82.1	82.2	85.1	84.7	83.8	98.3
Mean,	6.8	6.7	6.8	6.6	6.5	6.6	6.9	7.6	8.6	9.6	10.3	10.4	10.8	11.0	10.9	10.3	9.4	8.2	7.4	6.8	6.8	7.1	7.1	7.0	8.2

MEAN HOURLY ATMOSPHERIC TEMPERATURE.—(By Richards' Thermograph.)

MONTHS.	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	12 Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	12 M'n't.	For the Month
Jan.,	8.2	8.0	7.4	7.1	6.6	6.3	6.3	6.3	7.3	8.9	10.5	12.3	13.6	14.6	14.9	14.7	14.0	13.2	12.4	11.5	11.0	10.5	9.7	9.2	[illegible]
Feb.,	19.2	18.9	18.2	17.7	17.1	16.8	16.4	16.9	18.1	19.1	20.9	22.6	23.9	24.5	24.8	24.8	24.1	22.9	21.9	21.3	20.9	20.5	19.8	19.2	[illegible]
Mar.,	24.8	24.1	23.7	23.2	22.9	22.7	22.9	23.9	26.0	28.2	29.7	31.3	33.0	33.4	33.8	33.6	32.9	31.8	30.7	29.6	28.7	28.0	27.1	26.2	[illegible]
April,	45.7	45.1	44.4	43.7	43.3	43.3	44.4	47.3	50.0	52.7	55.0	56.3	57.6	58.5	58.9	58.3	57.6	56.3	53.7	51.6	49.9	48.5	47.6	[illegible]	[illegible]
May,	58.6	57.5	56.6	55.7	54.9	56.0	58.2	61.7	64.2	66.2	67.8	69.0	70.8	72.5	72.3	72.3	71.4	70.3	68.1	65.7	63.5	62.4	61.3	60.1	64.6
June,	61.1	59.9	59.0	58.2	57.8	57.2	61.5	66.4	69.6	72.4	74.4	76.0	77.4	77.9	77.6	77.2	75.7	74.0	71.5	68.7	66.6	65.1	63.5	63.3	68.0
July,	68.6	67.6	66.4	65.7	65.3	66.3	68.8	72.0	75.1	77.9	79.8	81.3	82.4	83.6	83.5	83.2	81.7	80.7	77.9	75.4	73.0	71.5	70.4	69.3	77.7
Aug.,	64.7	64.1	63.6	63.1	62.7	63.0	64.8	68.5	71.6	74.3	76.5	77.1	78.0	78.6	77.1	75.7	77.7	76.3	73.6	71.4	69.8	68.6	67.1	66.1	70.8
Sept.,	61.2	60.6	59.7	59.2	58.5	58.3	59.5	63.7	67.3	70.6	72.4	73.6	74.1	74.4	74.3	73.4	71.9	69.6	67.1	65.5	64.1	62.8	61.7	60.6	66.0
Oct.,	47.3	46.7	46.4	45.7	45.3	45.0	45.5	47.1	53.5	57.6	60.5	62.0	63.1	64.0	63.8	62.7	60.6	57.6	55.5	53.9	52.1	50.8	49.7	48.9	53.8
Nov.,	38.8	38.4	37.7	37.2	36.4	35.9	35.7	36.7	39.4	42.4	44.5	46.1	47.6	48.5	48.9	48.1	46.[illegible]	44.8	43.3	42.3	41.7	41.1	40.6	39.8	41.8
Dec.,	31.1	31.2	30.5	30.1	29.5	28.8	28.4	28.4	29.5	31.4	33.3	35.1	36.5	37.3	37.7	36.7	35.6	34.6	33.8	33.5	33.3	33.4	33.6	33.2	32.6
Sum,	529.5	522.3 (522.3)	513.6	506.8	500.3	501.6	511.9	540.9	571.6	601.7	625.3	642.7	658.0	667.8	669.6	664.1	649.6	632.3	609.5	590.6	574.5	562.3	550.1	539.7	580.7
Mean,	44.1	43.5	42.8	42.2	41.7	41.8	42.7	45.1	47.6	50.1	52.1	53.6	54.8	55.6	55.8	55.3	54.1	52.7	50.8	49.2	47.9	46.8	45.8	45.0	48.4

Prepared by S. P. Fitzgerald

S. P. Fitzgerald
Observer Weather Bureau.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Monday, (Date) JAN 1 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	6	5	4	3	3	3	3	3	5	6	7	10
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	Moon visible											
Cloudiness and other conditions											Clear	
Sunrise: Time, Character,	7:21 Clear											
Sunshine (in tenths of hours)								0	0.3	1.0	1.0	1.0
Wind direction	SW	W	W	W	W	W	W	W	W	W	W	W
Wind movement	20	18	16	12	13	11	11	10	8	8	10	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	12	14	16	15	15	15	14	12	11	11	10	
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation							Moon visible					
Cloudiness and other conditions												
Sunset: Time, Character,									4:38 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.8	0							
Wind direction	W	W	W	W	W	SW	W	W	W	W	W	W
Wind movement	7	9	9	9	10	6	6	4	5	6	4	4

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
16	3	16	2

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 1.0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 0

Actual sunshine, hours, 9.3

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 100

Prevailing direction West

Total movement, 223

Average hourly velocity, 9.3

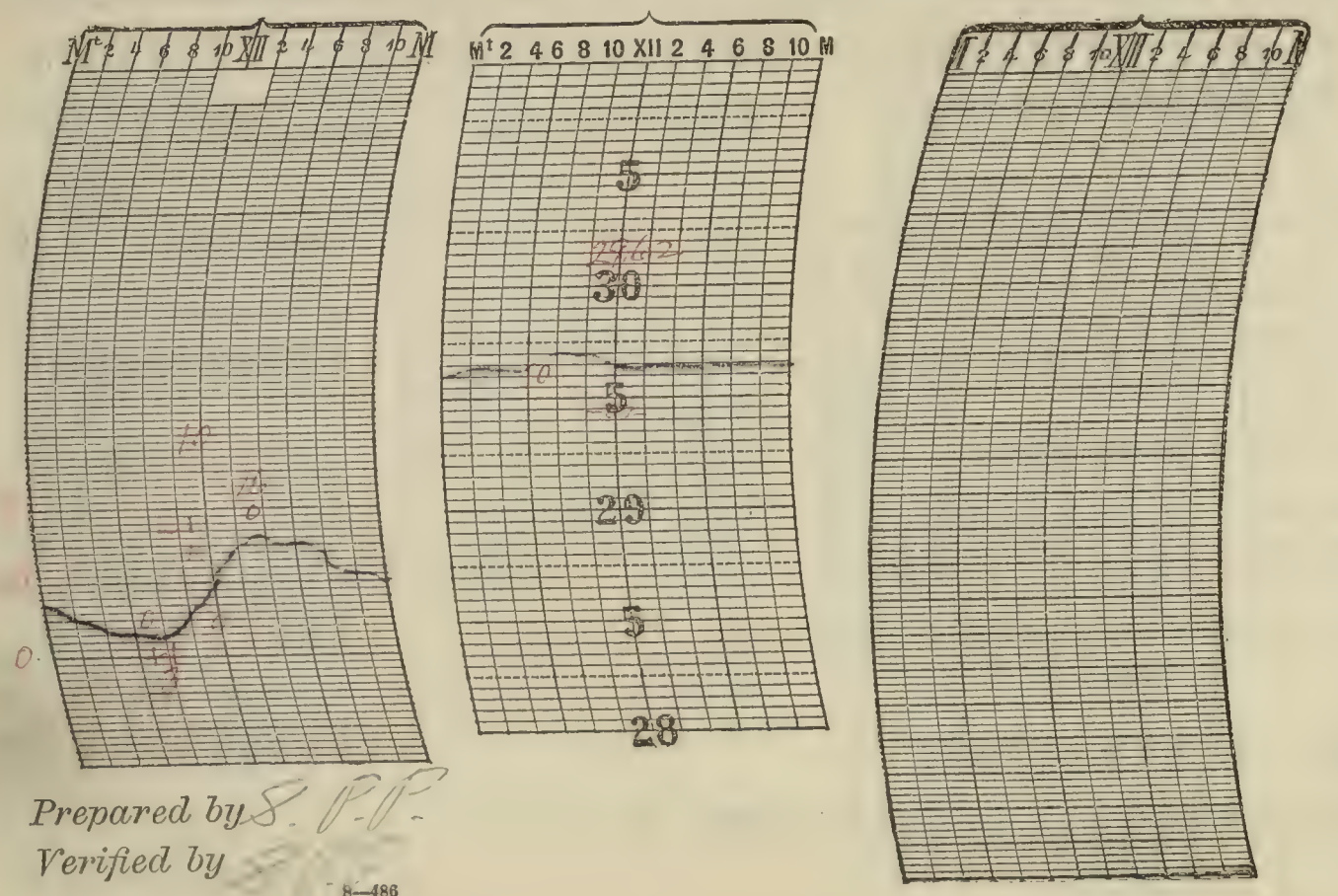
Maximum velocity,	Direction,	Time.
23	W	12:42 am
	24-W	12:43 a.

Relative humidity, 89 a. m. p. m.

Reduced barometer, 30.29 a. m. p. m.

River gage, River frozen. Average thickness of ice 3.0 inch.

NOTES.



Prepared by S. P. P.

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE ILL, (Day of week) Tuesday, (Date) JAN 2 - 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	10	10	10	9	8	7	7	5	5	5	6	7
State of weather: Nature of precipitation and time of beginning and ending				S & B Zu					S 8:15			
Amounts of precipitation			←				T		→			
Cloudiness and other conditions							Cloudy					
Sunrise: Time, 7:21 Character, Cloudy												
Sunshine (in tenths of hours)								0	0	0.8	1.0	1.0
Wind direction	nw	nw	nw	nw	nw	nw	nw	v	nw	nw	nw	nw
Wind movement	2	2	5	7	6	5	4	6	6	7	6	7
Maximum velocities (exceeding 20 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	9	10	11	10	8	7	5	4	4	4	3	3
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, 4:39 Character, Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.2 0.8	.65							
Wind direction	nw	nw	nw	nw	v	v	v	v	v	v	v	nw
Wind movement	7	7	6	6	5	4	4	4	5	5	3	2

	Maximum.	Minimum.	Mean.	Normal.
	11	3	7	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 1.0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, [illegible] Moon phase, [illegible]

Average daily cloudiness (0-10) [illegible]

Actual sunshine, hours, 1.4

Possible sunshine, hours, [illegible]

Percentage of possible sunshine, 50

Prevailing direction NW Clear

Total movement, 13[illegible]

Average hourly velocity, 5.1

Maximum velocity,	Direction,	Time.
10	nw	10 am

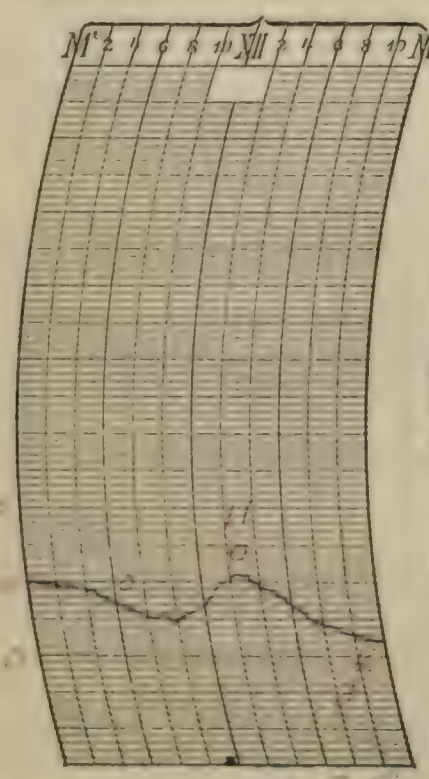
Relative humidity, 96 a. m. [illegible] p. m.

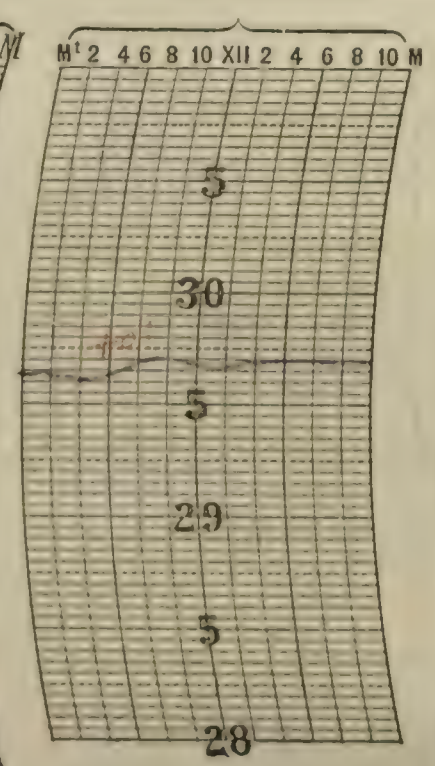
Reduced barometer, 30.26 a. m. [illegible] p. m.

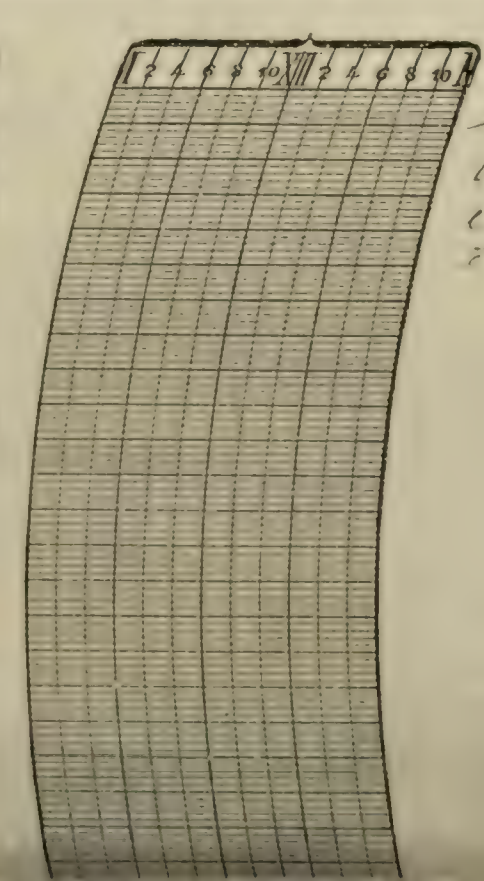
River gage, [illegible]

Excessive precipitation, accumulated amounts.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.







NOTES.

A slight earthquake shock was felt here for a few seconds about 10:27 am. No damage was reported. At Morris, Ill. the shock was more pronounced, but the damage done was slight.

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL., (Day of week) Wednesday, (Date) JAN 3 1912, 191 3

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	3	3	3	2	+1 2	2	0 3	3	4	5	8	11
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		Moon visible at intervals					Pt Cldy					
Sunrise: Time, Character,	7:21 Cloudy											
Sunshine (in tenths of hours)								0	0	0	0.8	1.0
Wind direction	NW	N	N	N	N	N	NE	NE	N	NW	NW	NW
Wind movement	1	3	2	3	3	4	3	3	3	4	5	4

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	+1 12	13	13	11	11	10	8	8	7	5	4	5
State of weather: Nature of precipitation and time of beginning and ending								7:05 pm 7:28 pm				
Amounts of precipitation								T				
Cloudiness and other conditions			Cloudy					Moon visible				
Sunset: Time, Character,									4:40 Cloudy			
Sunshine (in tenths of hours)		×0.3	×0.2	×0.4	0							
Wind direction	NW	NW	W	NW	W	W	W	W	W	W	W	W
Wind movement	6	9	9	10	5	4	7	7	6	6	5	8

Maximum.	Minimum.	Mean.	Normal.
13	2	8	24

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 1.0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cldy Moon phase,

Average daily cloudiness (0-10) 7

Actual sunshine, hours, 3.7

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 40

Prevailing direction West

Total movement, 120

Average hourly velocity, 5.0

Maximum velocity,	Direction,	Time.
12	NW	3:19 pm
	12-NW	3:19 pm

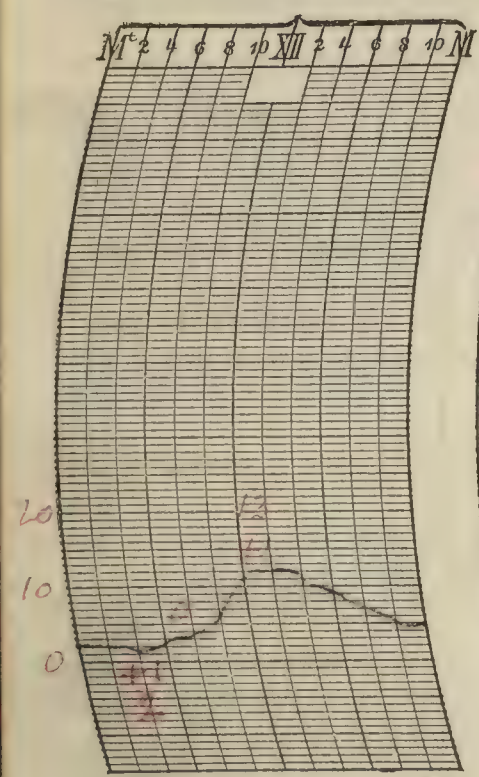
Relative humidity, 72 a. m. ____ p. m.

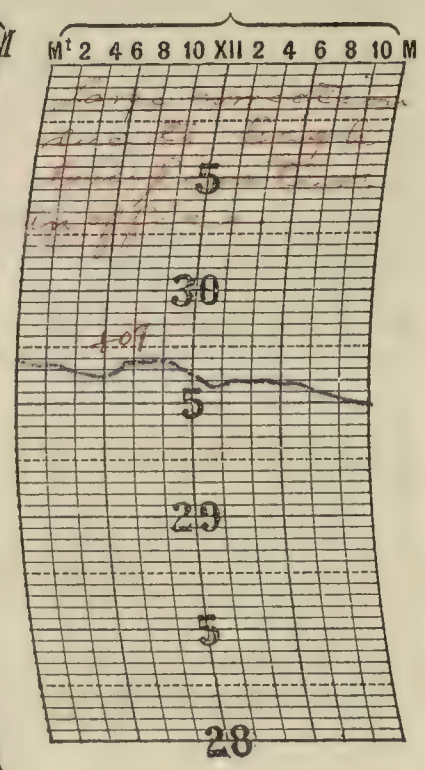
Reduced barometer, 30.32 a. m. ____ p. m.

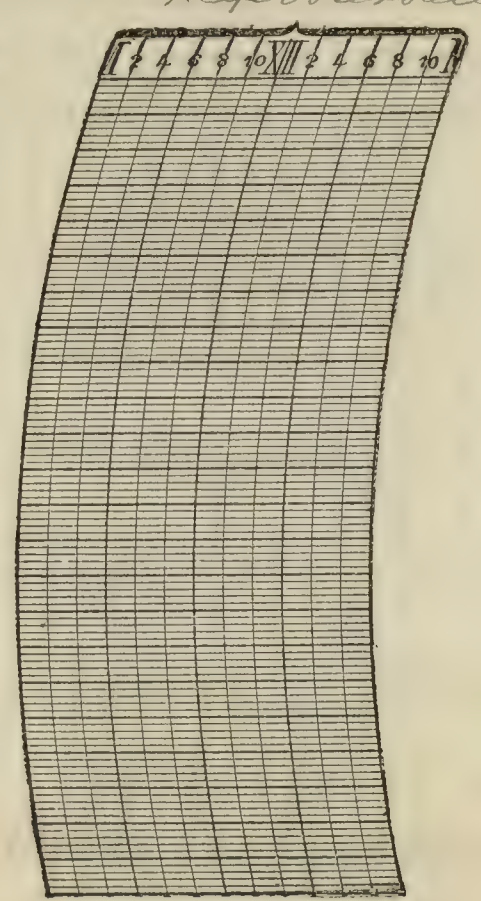
River gage, River frozen

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

× Eye observation







NOTES.

Snow fell from clear sky today from 7:05 pm to 7:28 pm.

Prepared by S. P. V.

Verified by

8—486

Form No. 1011—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) [illegible], 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	4	5	5	6	6	5	5	4	2	0	-2	-1
Nature of precipitation and time of beginning and ending										S 8:20 B	S 10:40 E	
Amounts of precipitation										← T →		
Cloudiness and other conditions	Moon visible						Clear					→
Sunrise: Time, 7:21 Character, Clear												
Sunshine (in tenths of hours)								.65 C	0.6 C.4	0.8	1.0	1.0
Wind direction	W	W	SW	SW	W	W	W	W	W	W	W	W
Wind movement	11	11	11	13	14	16	17	14	17	19	20	20
Maximum velocity (exceeding 25 miles) direction and time											10:45 W 25	

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	-1	-1	-2	-2	-3	-4	-5	-5	-6	-6	-5	-5
Nature of precipitation and time of beginning and ending		S 1:05 B S 1:23 E							S 8 B S 10 E			
Amounts of precipitation		T									T	
Cloudiness and other conditions	← Pt Cldy								Moon visible at intervals			
Sunset: Time, 4:41 Character, Cloudy												
Sunshine (in tenths of hours)	1.0	0.8	0.5	0.1	C							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	20	23	22	21	20	17	16	17	16	16	15	16
Maximum velocity (exceeding 25 miles) direction and time	12:41 W 26	1:52 W 25	2:12 W 26		W 25							

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	6	-6	=	=

Total depth of snow for 24 hours ending 7 p. m., T inches

Snow on ground 7 p. m., 0.9 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Clear Moon phase, O 7:15 am

Average daily cloudiness (0-10)

Actual sunshine, hours, 6.8

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 73

Prevailing direction West

Total movement, 402

Average hourly velocity, 16.8

Maximum velocity,	Direction,	Time.
26	W	2:12 pm
Extreme vel.: 31	NW	12:40 pm

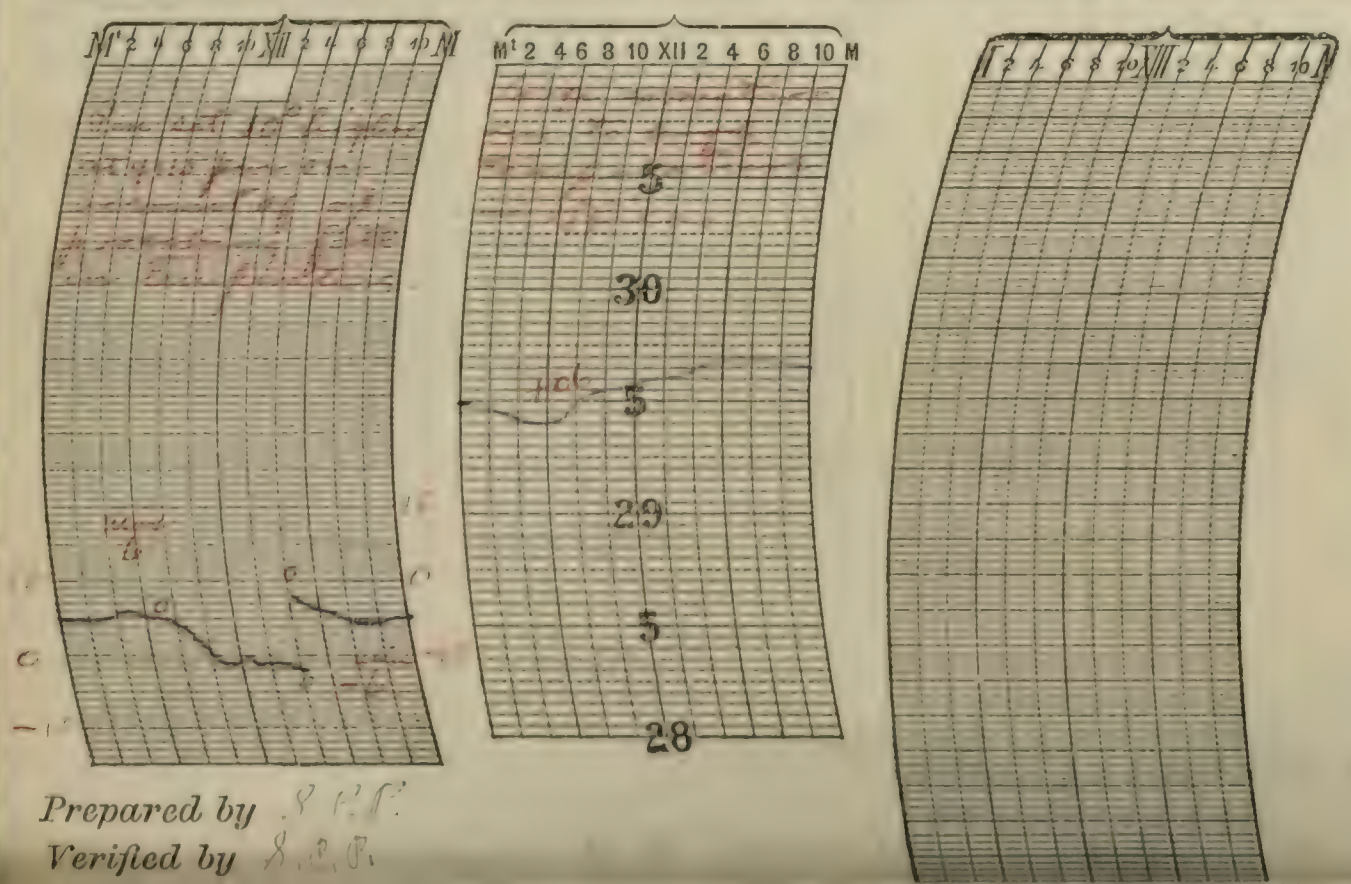
Relative humidity, 84 a. m. p. m.

Reduced barometer, 30.08 a. m. p. m.

River gage, River frozen.

NOTES.

Snow fell from clear sky from 9:20 am to 10:40 am.



Prepared by S. P. S.

Verified by S. P. S.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) JAN. 1, 1915, 191 5

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	-5	-4	-4	-4	-5	-6	-6	-8	-11	-12	-12	-11	-11	-10	-10	-10	-11	-11	-11	-11	-11	-11	-11	-11
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions		Moon visible					Clear								P.C.		Clear					Moon visible		
Sunshine (in tenths of hours)								.45 0	1.0 0	1.0	1.0	1.0	1.0	1.0	1.0	0.8 0.2	.70 0							
Wind direction	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W	NW	W	NW	NW	NW	NW	N
Wind movement	13	13	12	14	18	18	20	17	21	21	20	19	17	15	14	11	11	10	9	8	6	7	5	6
Maximum velocities (exceeding 25 miles) direction and time							6:32 NW 25																	

Sunrise: Time, 7:21 Character, Clear

Sunset: Time, 4:42 Character, Clear

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
-4	-12	-8	-4

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m. 0.8 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 2

Actual sunshine, hours, 9.2

Possible sunshine, hours, 9.4

Percentage of possible sunshine, 98

Prevailing direction Northwest

Total movement, 327

Average hourly velocity, 13.6

	Maximum velocity,	Direction,	Time.
	25	NW	6:32 am
Extreme vel.	27	NW	6:30 am

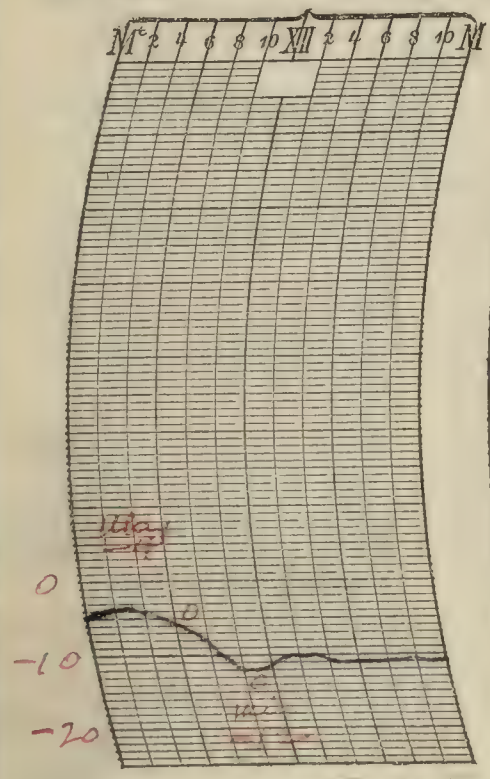
Relative humidity, 74 a. m. p. m.

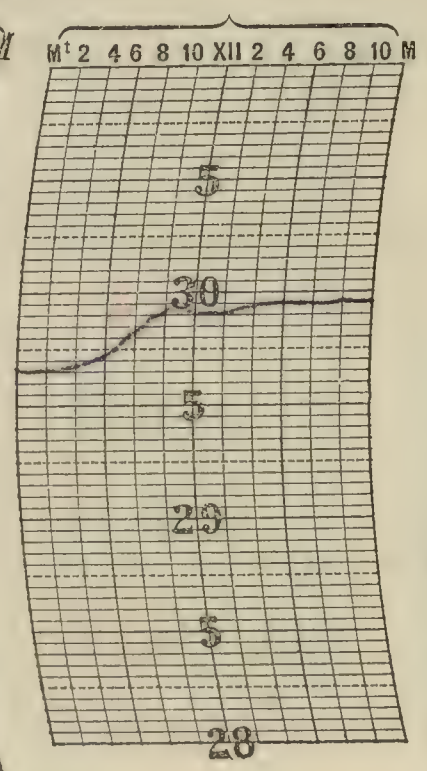
Reduced barometer, 30.40 a. m. p. m.

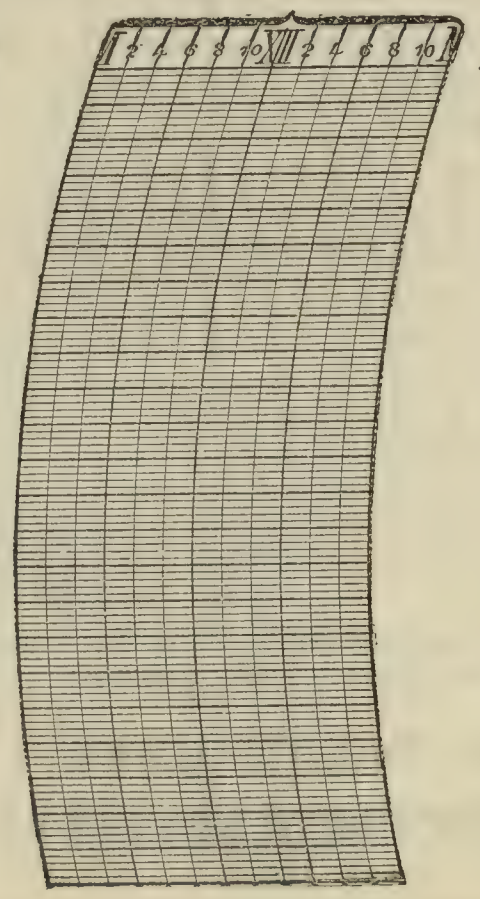
River gage, River frozen

NOTES.

A lunar halo was observed from 8:45 pm to 9:15 pm.







Prepared by S. P. W.

Verified by S. P. W.

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) JAN 16, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	-11	-11	-11	-11	-11	-11	-11	-12	-12	-11	-9	-8	-7	-6	-7	-8	-9	-10	-10	-11	-11	-12	-13	-14
State of weather: Nature of precipitation and time of beginning and ending				S B & Sn																				
Amounts of precipitation				T						.01														
Cloudiness and other conditions								Cloudy														Clear		
Sunshine (in tenths of hours)								0	0	0	0.1	1.0	1.0	1.0	1.0	1.0	.72 0							
Wind direction	N	N	N	N	N	NE	NE	NE	NE	N	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W	W	W	W
Wind movement	5	4	5	7	7	7	8	7	6	5	7	8	9	10	9	10	8	8	7	5	6	8	9	11

Sunrise: Time, 7:21 Character, Cloudy

Sunset: Time, 4:43 Character, Clear

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amount

/ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
-6	-14	-10	24

Total depth of snow for 24 hours ending 7 p. m., 0.2 inches.

Snow on ground 7 p. m., 1.0 inches.

Total snowfall, midnight to midnight, 0.2 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, [illegible] Moon phase, [illegible]

Average daily cloudiness (0-10) 6

Actual sunshine, hours, [illegible]

Possible sunshine, hours, 9.4

Percentage of possible sunshine, 62

Prevailing direction Northwest

Total movement, 176

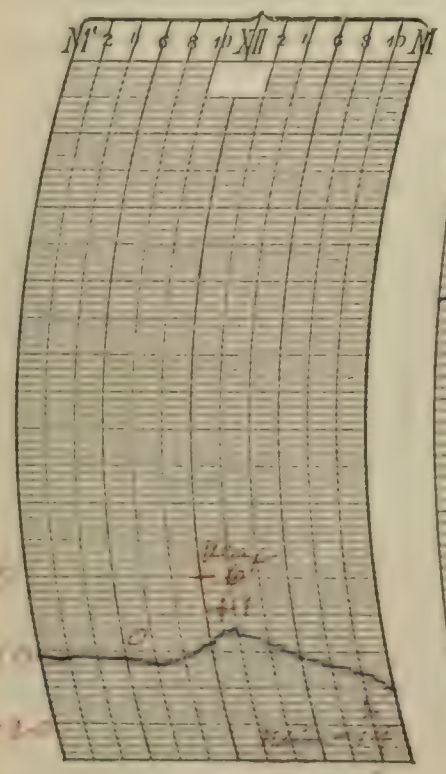
Average hourly velocity, 7.3

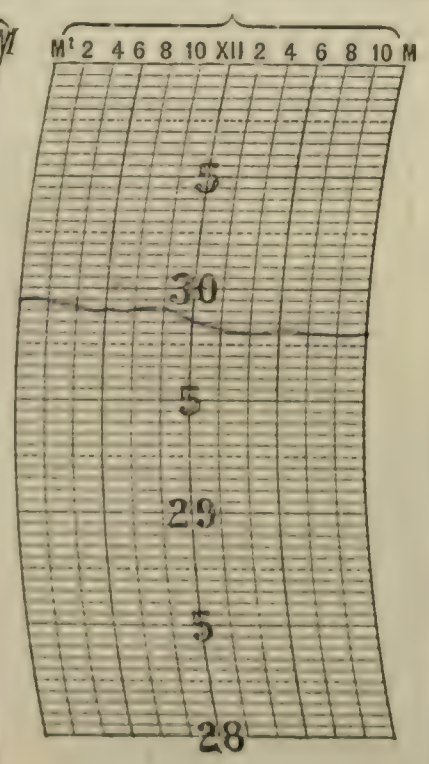
Maximum velocity,	Direction,	Time.
12	NW	1:42 p. m.
	12 NW	1:42 p. m.

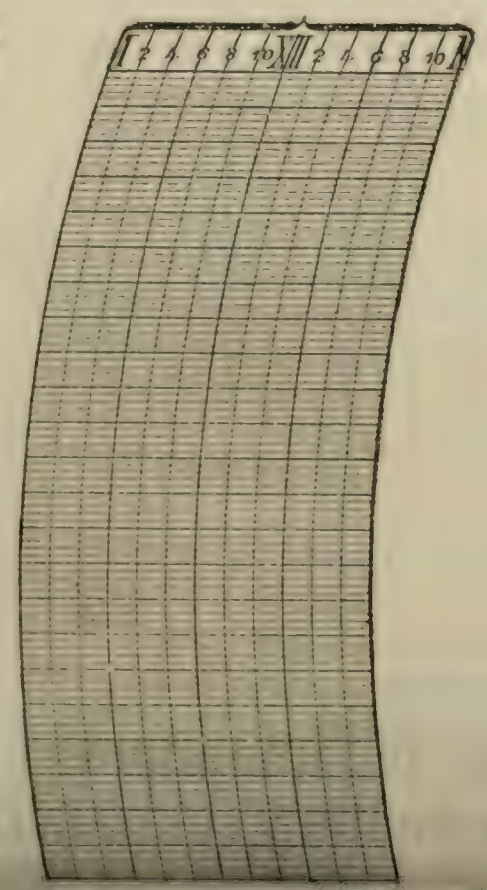
Relative humidity, 90 a. m. ____ p. m.

Reduced barometer, 30.54 a. m. ____ p. m.

River gage, [illegible]







NOTES.

Prepared by

Verified by

Form No. 1012—Mo. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) [illegible], 191 .

Time (local standard), 7 Mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	-15	-15	-15	-16	-16	-15	-16	-15	-14	-11	-8	-6	-4	-3	-3	-1	-1	-1	-1	-2	-2	-2	-2	-1
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions		Moon visible					Clear														Cloudy			
Sunrise: Time, Character	7:21 Clear																				Sunset: Time, Character	4:44 Cloudy		
Sunshine (in tenths of hours)								.65 0	x 1.0	x 1.0	x 1.0	x 1.0	1.0	1.0	0.7	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	SW	SW	SW	S	SE	SE	SE	SE	SE	SE	SE
Wind movement	9	9	8	7	7	7	6	6	6	4	6	8	7	6	6	5	8	7	9	8	10	9	10	10
Maximum velocities (exceeding 25 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	-1	-16	-8	-4

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 10 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 3

Actual sunshine, hours, 7.4

Possible sunshine, hours, 9.4

Percentage of possible sunshine, 79

Prevailing direction West

Total movement, 178

Average hourly velocity, 7.4

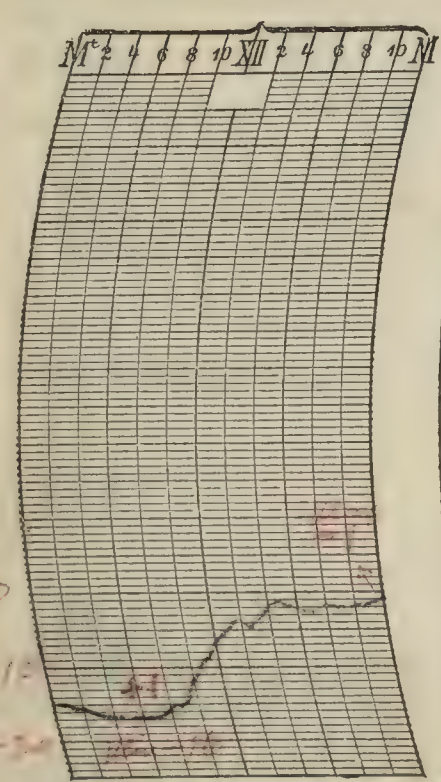
	Maximum velocity,	Direction,	Time.
	12	SE	9:04 pm
	[illegible]	12-SE-	9:04 pm

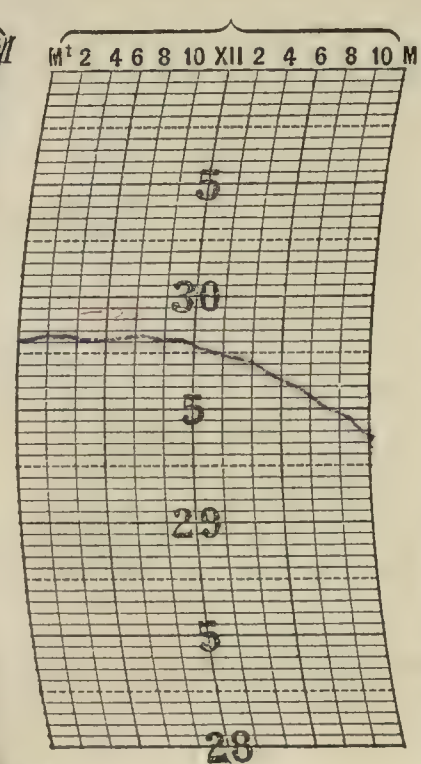
Relative humidity, 93 a. m. ____ p. m.

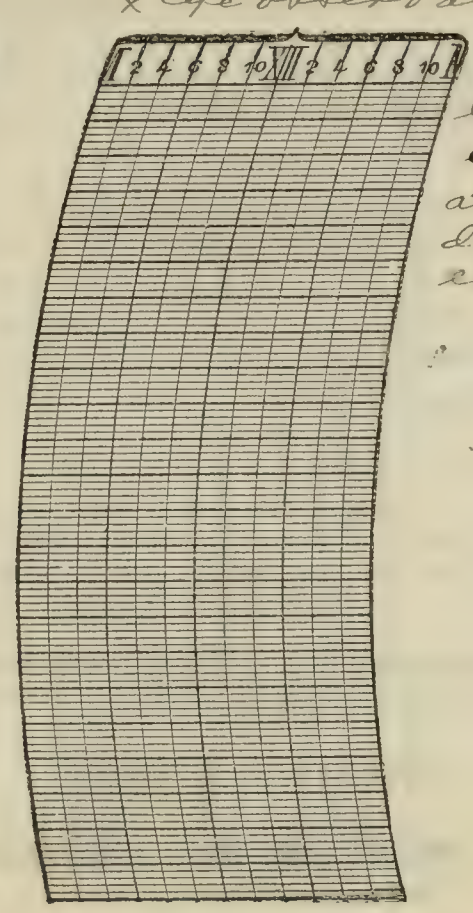
Reduced barometer, 30.45 a. m. ____ p. m.

River gage, River frozen

x Eye observations.







NOTES.

An extensive ice gorge has formed from the dam at Marseilles several miles down the river, probably to Starved Rock. The river at Marseilles is filled up even with the dam. This has rendered the water power at that city useless.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) Monday, (Date) JAN 8 [illegible], 191

Time (local standard), 75th mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	0	1	1	1	2	2	3	3	2	2	2	2	1	0	1	2	1	0	-1	-2	-3	-1	0	0
State of weather: Nature of precipitation and time of beginning and ending			S	DT	Ra																			
Amounts of precipitation				—	.05	—	—	—	—	.01	—	—	—	—	—	—								
Cloudiness and other conditions				—	—	—	—	Cloudy					—	—	Ft Cloudy				—		Uncertain visibility on account of			
Sunrise: Time, 7:21 Character, Cloudy																					Sunset: Time, 4:45 Character, Cloudy			
Sunshine (in tenths of hours)								0	0	0	0	0.3	0	0	0.4	0.5	.45							
Wind direction	SE	E	SE	E	E	SE	SE	SW	W	W	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW	SW
Wind movement	10	12	11	5	5	2	2	8	9	12	12	13	13	15	12	12	9	9	9	10	10	14	14	12
Maximum velocity (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
3	-3		

Total depth of snow for 24 hours ending 7 p. m., 1.4 inches.

Snow on ground 7 p. m., 2.4 inches.

Total snowfall, midnight to midnight, 1.4 inches.

Precipitation to 7 a. m., .05 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .06 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10)

Actual sunshine, hours, 1.6

Possible sunshine, hours, 9.4

Percentage of possible sunshine, 17

Prevailing direction W. S. W.

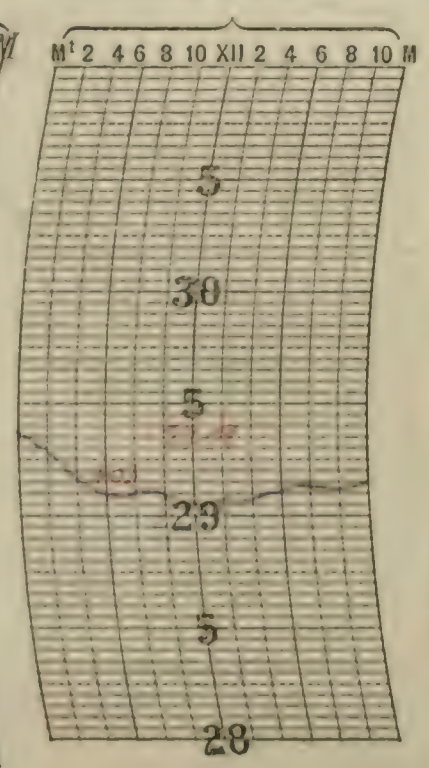
Total movement, 242

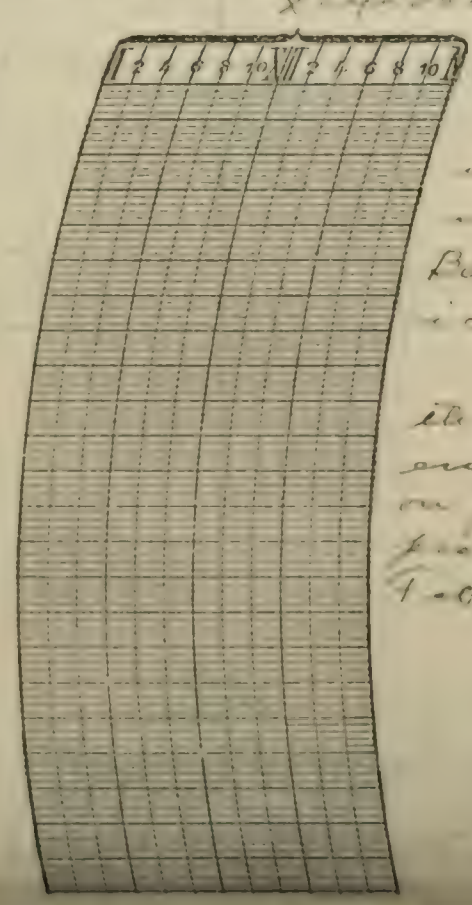
Average hourly velocity, 10.1

Maximum velocity,	Direction,	Time.
17	W	11:07 am

	a. m.	p. m.
Relative humidity,	88	
Reduced barometer,	29.02	

River gage, River frozen





NOTES.

The ice companies began harvesting ice this date. On the river, in a place where there was open water a week ago, the ice was 10 inches thick today. In the Big Basin about 50 feet below the lock, the ice was 12 inches thick.

The longest period of zero or below weather that has been experienced at this station ended at 1 am today. It began at 10 am on January 4 and lasted 87 hours. The previous long record was 43 hours on Dec 1, 2, & 3, 1905.

Prepared by [illegible]

Verified by [illegible]

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL., (Day of week) Tuesday, (Date) [illegible], 191 9

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	+1 4	3	3	2	1	-1	+1 -2	-2	0	2	4	5
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		Recorn								Clear		
		Sunrise: Time, 7:21	Character, Clear									
Sunshine (in tenths of hours)								.65 0	.05 0.5	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	14	18	17	17	19	18	15	11	13	14	17	16
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	7	7	+1 8	7	5	4	1	-1	-2	-3	+1 -4	-5
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									Recorn			
									Sunset: Time, 4:46	Character, Cloudy		
Sunshine (in tenths of hours)	1.0	1.0	1.0	.02 0.8	.47 0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	16	16	16	14	10	10	9	9	8	9	7	8

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
8	-5	2	23

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 2.3 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, ... Moon phase, ...

Average daily cloudiness (0-10) .....

Actual sunshine, hours, 9.1

Possible sunshine, hours, 9.4

Percentage of possible sunshine, 97

Prevailing direction West

Total movement, 321

Average hourly velocity, 13.4

Maximum velocity,	Direction,	Time.
23	W	4:26 am
	24-W	4:25 a

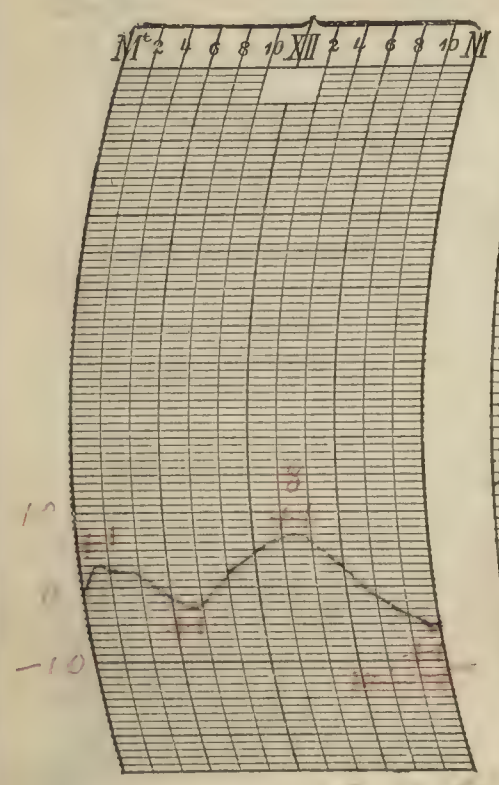
Relative humidity, 71 a. m. ..... p. m.

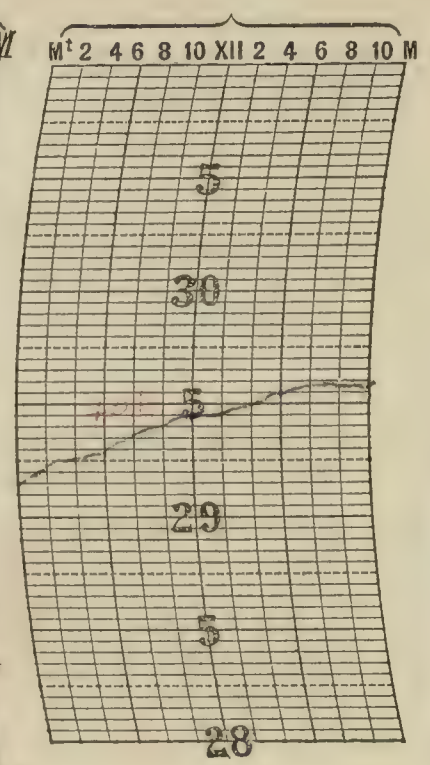
Reduced barometer, 29.97 a. m. ..... p. m.

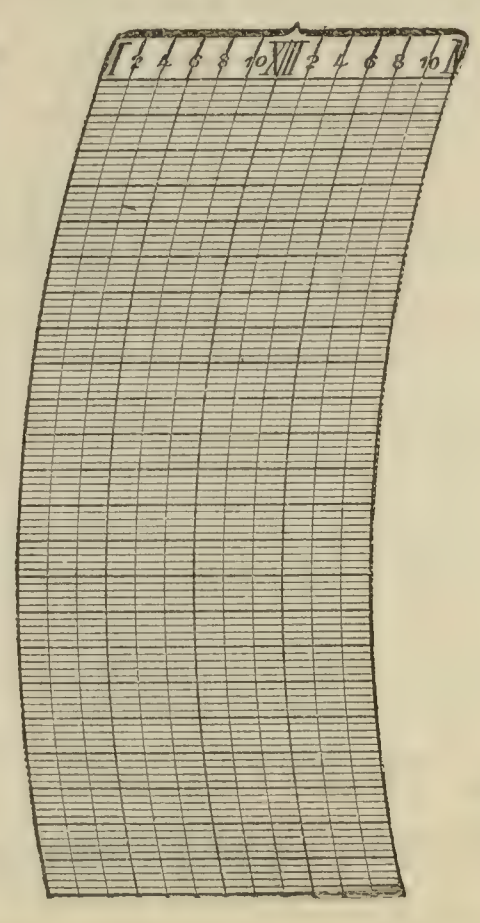
River gage, [illegible]

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.







NOTES.

Prepared by S

Verified by S. O. V.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE, ILL., (Day of week) Wednesday, (Date) JAN 11 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	-4	-4	-4	-4	-4	-4	+1 -4	-4	-4	-3	-2	-2
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation								T				
Cloudiness and other conditions	Mon. visible		Cloudy									
Sunrise: Time, Character,	7:21 Cloudy											
Sunshine (in tenths of hours)								0	0	0.5	1.0	1.0
Wind direction	nw	nw	nw	nw	nw	nw	nw	nw	v	v	nw	nw
Wind movement	9	8	7	7	5	5	6	5	6	6	7	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	-1	0	+1 0	0	-1	-2	-2	-2	-2	-3	-3	-3
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, Character,									4:47 Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.3 0.7	.78 0							
Wind direction	nw	nw	ne	v	v	v	v	v	v	v	v	v
Wind movement	7	8	6	7	5	5	6	8	6	8	7	7

Maximum velocity (exceeding 25 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	1	-5	-2	23

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.

Snow on ground 7 p. m., 2.4 inches.

Total snowfall, midnight to midnight, .1 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10)

Actual sunshine, hours,

Possible sunshine, hours, 9.4

Percentage of possible sunshine, 78

Prevailing direction N. Northwest

Total movement, 158

Average hourly velocity, 6.6

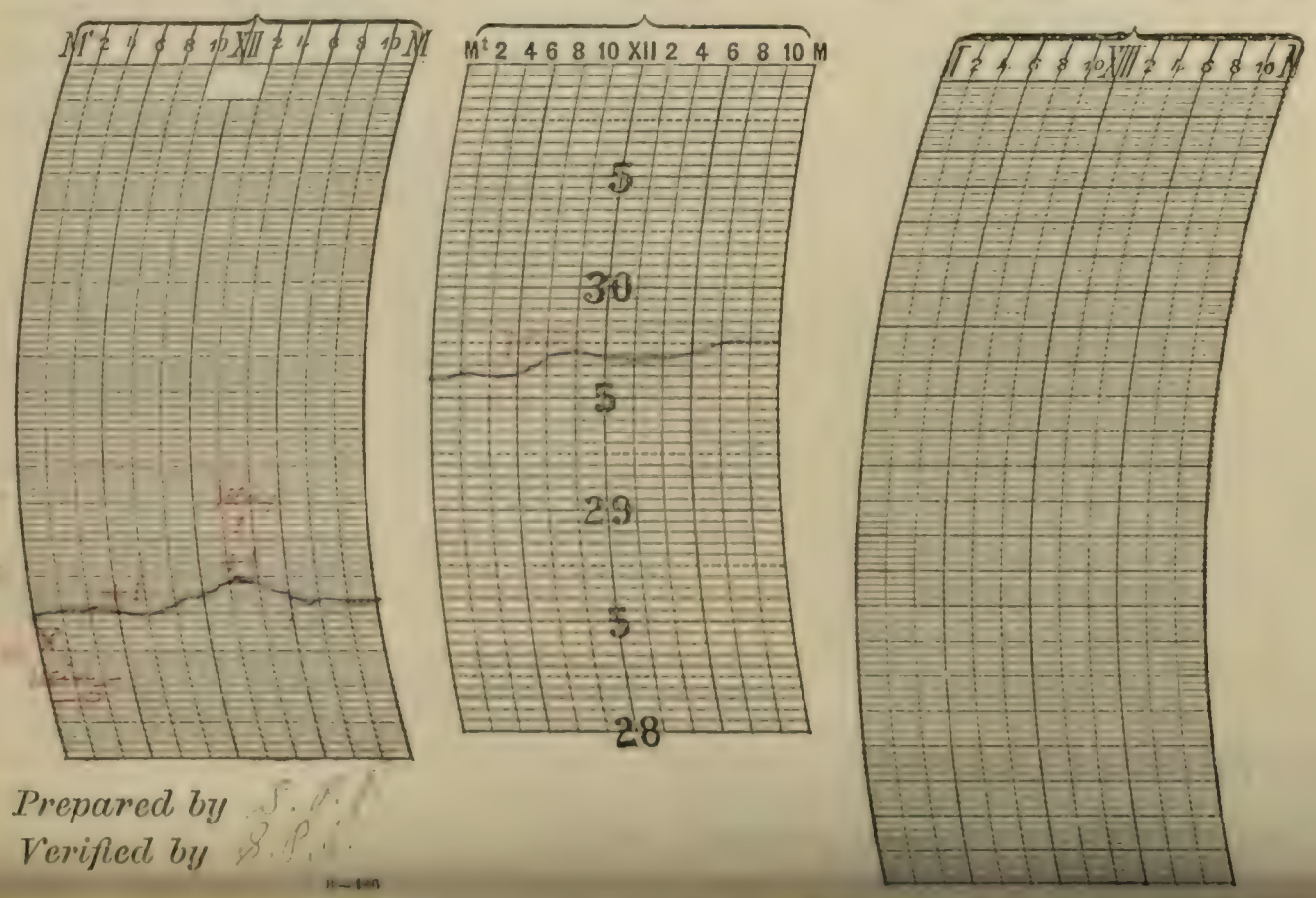
	Maximum velocity,	Direction,	Time.
	12	NW	12 noon
		12 NW	

Relative humidity, 92 a. m. p. m.

Reduced barometer, 30.25 a. m. p. m.

River gage,

NOTES.



Prepared by S. P.

Verified by S. P.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) JAN 11 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	-2	-2	-2	-3	-4	-5	+1 -7	-8	-8	-8	-6	-5
State of weather: Nature of precipitation and time of beginning and ending										S a B 9:32 S a E 9:50		
Amounts of precipitation										T		
Cloudiness and other conditions										Cloudy		
Sunrise: Time, Character,	7:20 Cloudy											
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N
Wind movement	8	9	11	10	10	9	9	9	12	13	12	11
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	-3	-3	+1 -2	-2	-4	-5	0 -5	-6	-6	-6	-6	-7
State of weather: Nature of precipitation and time of beginning and ending			S a B 2:08		S a E 4:40		S a B 6:15		S a E 8:55			
Amounts of precipitation			T	T	T		T	T	T			
Cloudiness and other conditions												
Sunset: Time, Character,									4:48 Cloudy			
Sunshine (in tenths of hours)	0.3	0	0	0	0							
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N
Wind movement	13	12	10	12	12	11	12	10	12	11	12	11

Maximum.	Minimum.	Mean.	Normal.
-2	-8	-5	22

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 2.4 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase, ☾ 1:43 am

Average daily cloudiness (0–10)

Actual sunshine, hours, 0.3

Possible sunshine, hours, 9.5

Percentage of possible sunshine, 3

Prevailing direction North

Total movement, 261

Average hourly velocity, 10.9

Maximum velocity,	Direction,	Time.
16	N	6:09 pm
18	N	6:10 pm

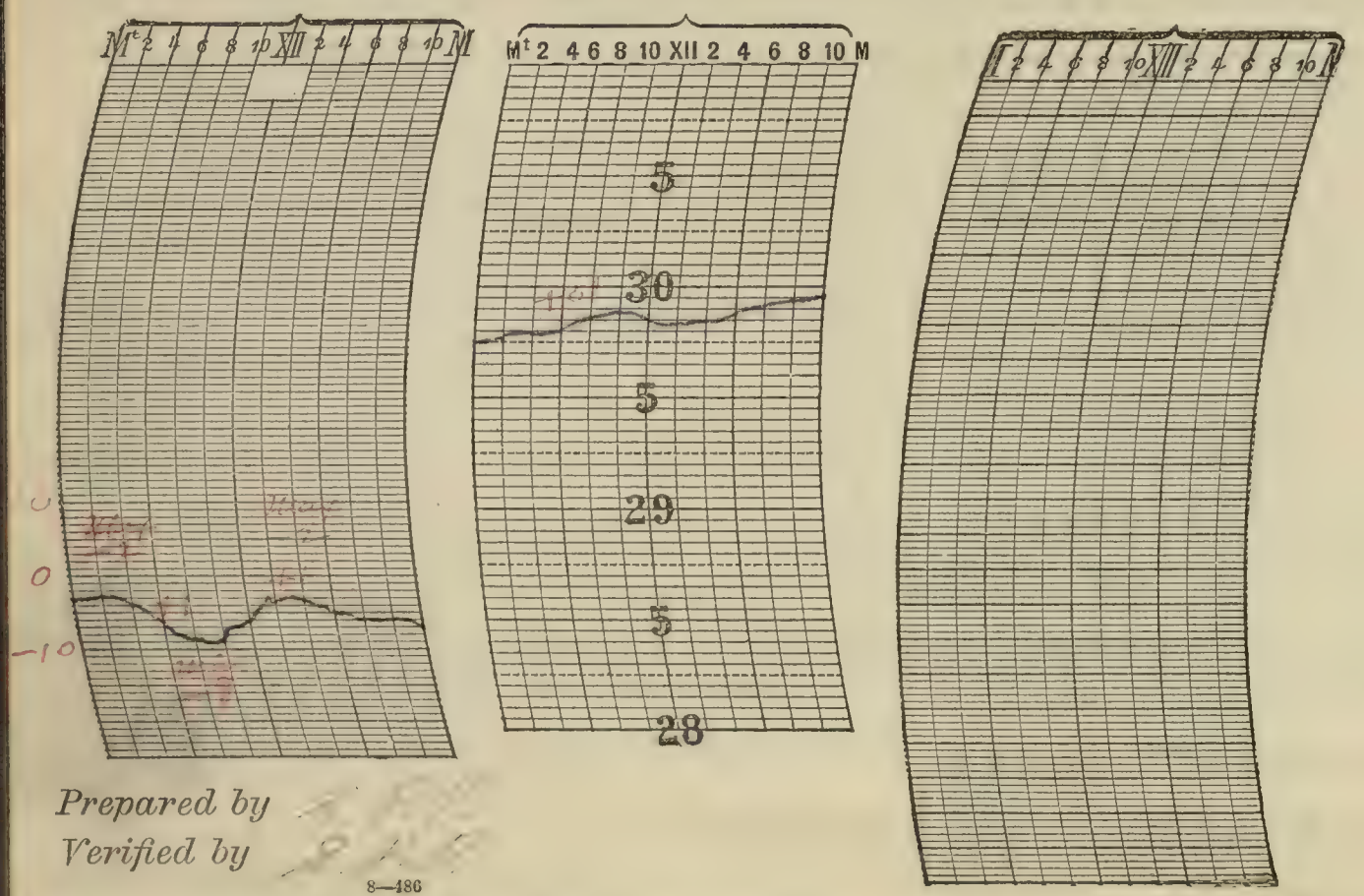
Relative humidity, 82 a. m. ____ p. m.

Reduced barometer, 30.47 a. m. ____ p. m.

River gage, River frozen

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.



NOTES.

Prepared by

Verified by

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) JAN 12 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	-9	-11	-12	-13	-14	-15	-15	-15	-13	-9	-7	-4	-3	-1	-1	-1	-2	-4	-5	-7	-7	-7	-5	-5
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Moon visible					Clear					Partly cloudy													
Sunshine (in tenths of hours)	Sunrise: Time, 7:20 Character, Clear							.6T 0	0.4 0.6	1.0	1.0	1.0	0.3	0.9	0.1	0.2	0				Sunset: Time, 4.49 Character, Cloudy			
Wind direction	N	N	N	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	NW	NW	NW	N	N	N	N	N	NE	NE
Wind movement	10	9	9	8	7	7	7	4	6	8	7	6	7	8	8	7	5	5	4	5	6	2	2	2
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
0	-15	-	2

Total depth of snow for 24 hours ending 7 p. m., 1 inches.

Snow on ground 7 p. m., 2.4 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Partly Cldy Moon phase,

Average daily cloudiness (0-10) 5

Actual sunshine, hours, 6.2

Possible sunshine, hours, 9.5

Percentage of possible sunshine,

Prevailing direction Northwest

Total movement, 149

Average hourly velocity, 6.2

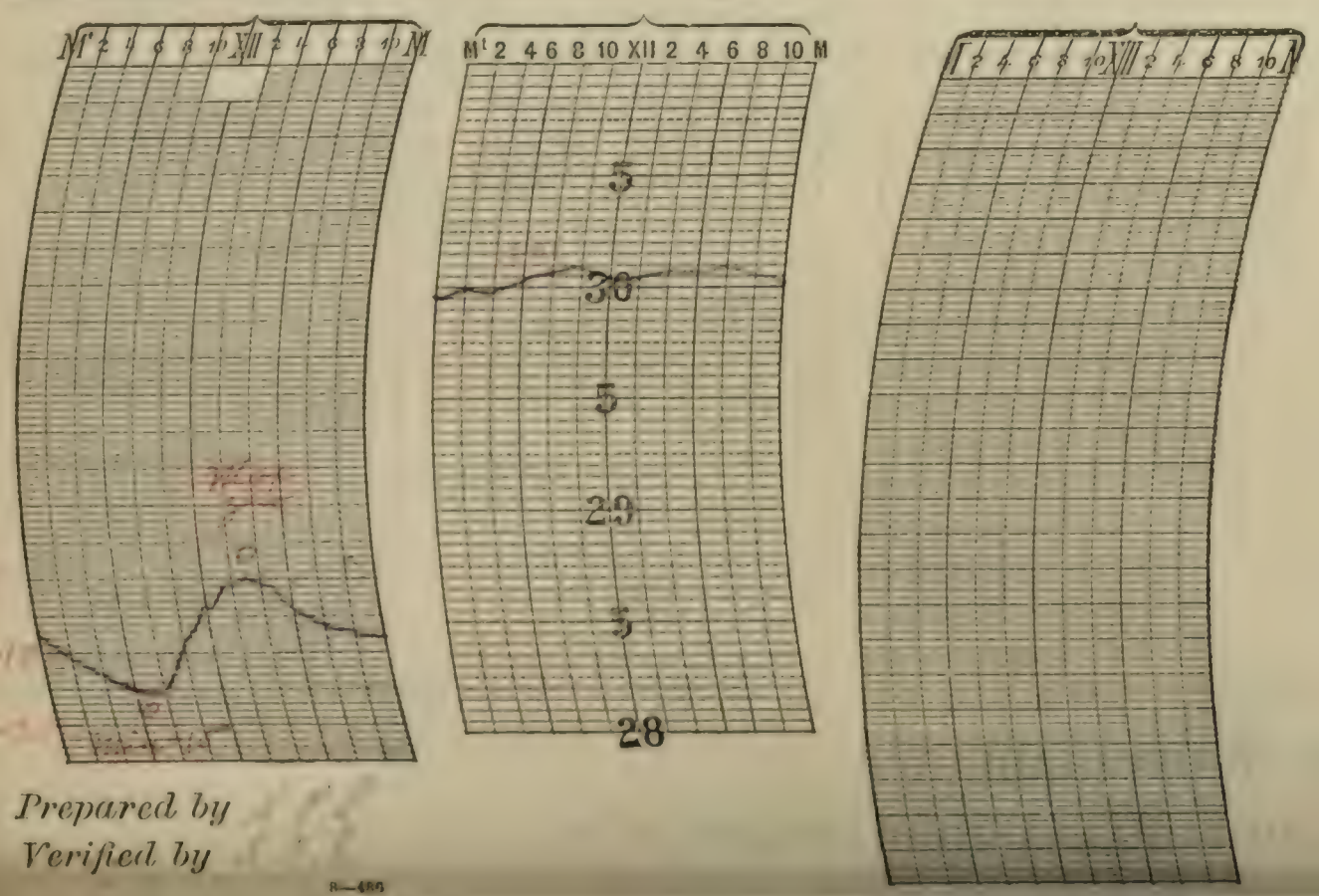
Maximum velocity,	Direction,	Time.
12	N	1:32 am
Extreme vel.	12-N	1:32 am

Relative humidity, 74 a. m. p. m.

Reduced barometer, a. m. p. m.

River gage, River frozen

NOTES.



Prepared by

Verified by

R—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) JAN 13 1912, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	-9	-10	-11	-9	-8	-7	0 -6	-2	1	4	7	8
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	Snow visible			Snow visible								
Cloudiness and other conditions	Cloudy			Cloudy								
Sunrise: Time, Character,	7:20 Cloudy											
Sunshine (in tenths of hours)								0	0	0	0	0.1
Wind direction	NE	NE	E	E	E	SE	SE	E	SE	SE	S	S
Wind movement	1	1	4	3	3	1	4	5	5	10	11	15

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	10	12	13	12	13	13	12	13	14	0 15	14	14
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, Character,									4:50 Cloudy			
Sunshine (in tenths of hours)	0.5	0	0	0	0							
Wind direction	S	S	S	S	S	S	S	S	S	S	SW	SW
Wind movement	14	13	12	11	9	11	11	8	8	7	9	8

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
15	-11	2	22

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 2.4 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 10

Actual sunshine, hours, 0.6

Possible sunshine, hours, 9.5

Percentage of possible sunshine,

Prevailing direction South

Total movement, 184

Average hourly velocity, 7.7

Maximum velocity,	Direction,	Time.
22	S	12:13 pm
	22-S	12:13 pm

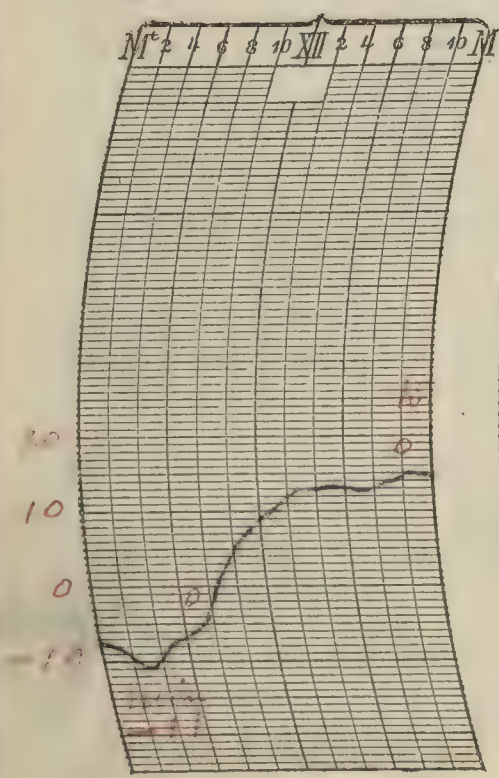
Relative humidity, 92 a. m. p. m.

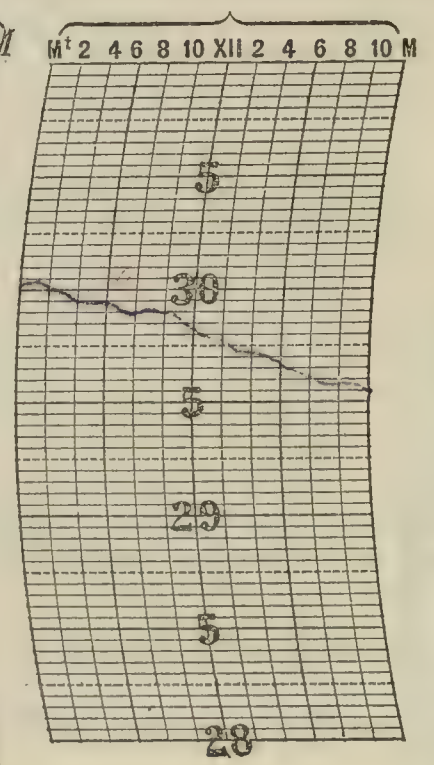
Reduced barometer, 30.00 a. m. p. m.

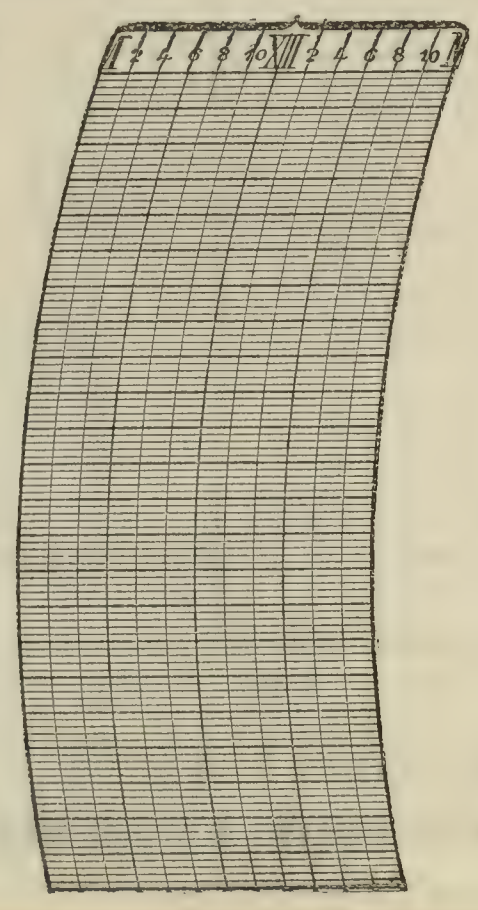
River gage, River frozen.

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.







NOTES.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE, ILL., (Day of week) Sunday, (Date) JAN 14 1912, 191

Time (local standard), 1 C mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	14	13	12	13	13	13	14	14	15	16	16	17
State of weather: Nature of precipitation and time of beginning and ending			S & B Dla									
Amounts of precipitation					.01							
Cloudiness and other conditions												Cloudy
Sunrise: Time, Character,	7:19 Cloudy											
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	SW	SW	S	S	SW	SW	SW	SW	W	W	W	W
Wind movement	8	7	5	6	5	7	6	5	6	7	6	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	17	18	18	17	15	14	13	10	5	5	2	1
State of weather: Nature of precipitation and time of beginning and ending									S			
Amounts of precipitation	.01								T			
Cloudiness and other conditions												
Sunset: Time, Character,									4:51 Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	8	10	12	11	13	13	18	18	16	13	12	13

Maximum velocity (exceeding 25 miles) direction and time

Maximum.	Minimum.	Mean.	Normal.
18	1	10	

Total depth of snow for 24 hours ending 7 p. m., 0.5 inches.

Snow on ground 7 p. m., 2.7 inches.

Total snowfall, midnight to midnight, 0.5 inches.

Precipitation to 7 a. m., 0.1 ins.; to 7 p. m., 0.1 ins.

Total precipitation, midnight to midnight, 0.2 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 9.5

Percentage of possible sunshine, 0

Prevailing direction West

Total movement, 231

Average hourly velocity, 9.6

Maximum velocity,	Direction,	Time.
23	W	7:15 p.m.
24	W	7:13 p.

Extreme vel.

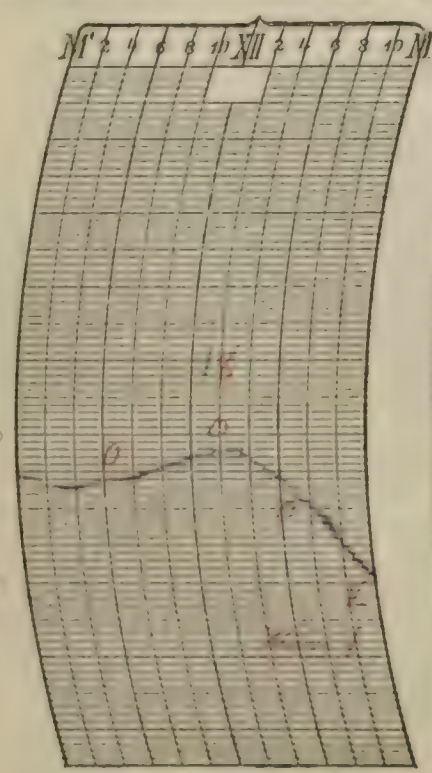
Relative humidity, 89 a. m. p. m.

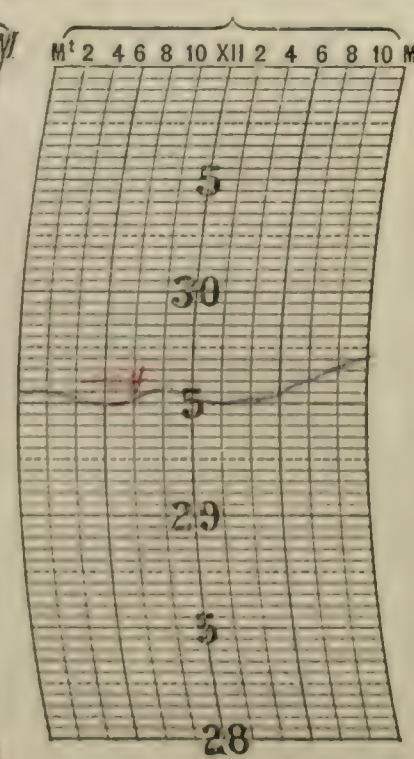
Reduced barometer, 30.16 a. m. p. m.

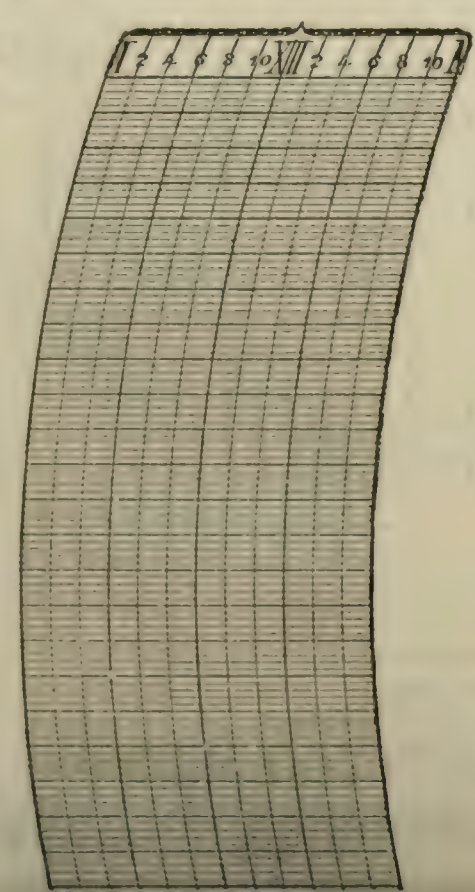
River gage, River

Excessive precipitation, accumulated amounts.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

NOTES.







Prepared by S. H.

Verified by S. P. S.

H—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tu, (Date) JAN 15 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	0	-1	-2	-3	-4	-5	0 -6	0 -6	-5	-1 -4	-2	0	1	2	2	0 3	1	-1	-2	-3	-4	-5	-6	-6
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions		Moon visible									Clear													
Sunshine (in tenths of hours)	Sunrise: Time, 7:19 Character, Clear							.68 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.67 0.20				Sunset: Time, 4:52 Character, Clear			
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N	N	N	N	N	N	N
Wind movement	10	10	10	10	12	11	10	12	13	18	16	16	15	16	16	14	12	9	7	7	6	5	6	4
Maximum velocities (exceeding 25 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	3	—6	—2	22

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 2.7 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 0

Actual sunshine, hours, 9.6

Possible sunshine, hours, 9.6

Percentage of possible sunshine, 100

Prevailing direction Northwest

Total movement, 265

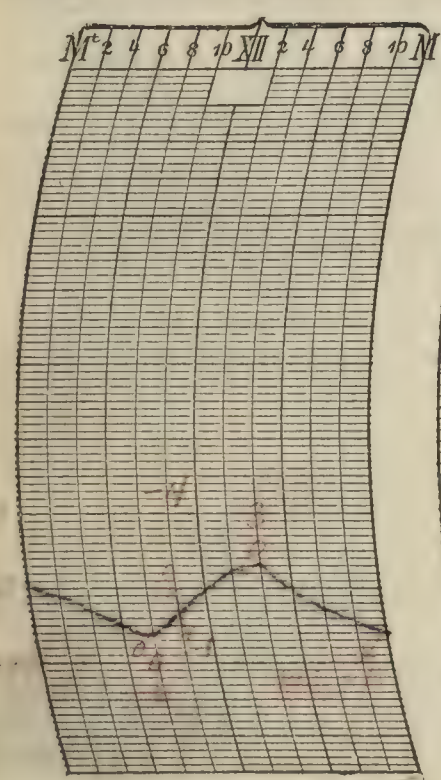
Average hourly velocity, 11.0

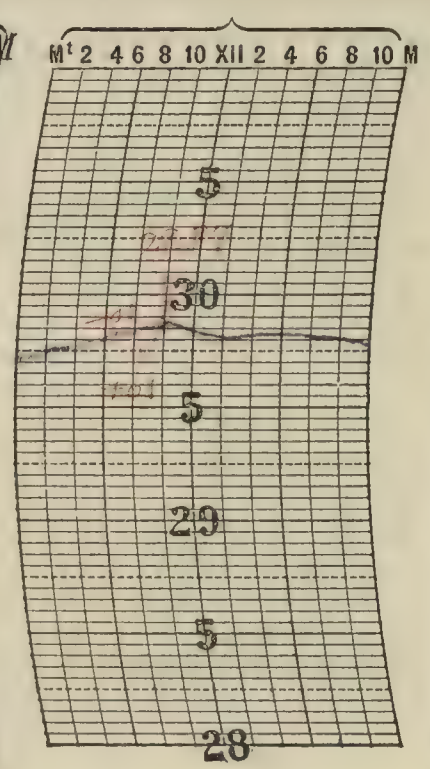
	Maximum velocity,	Direction,	Time.
Extreme vel.	21	NW	10:02 am
		22—NW	10:03 am

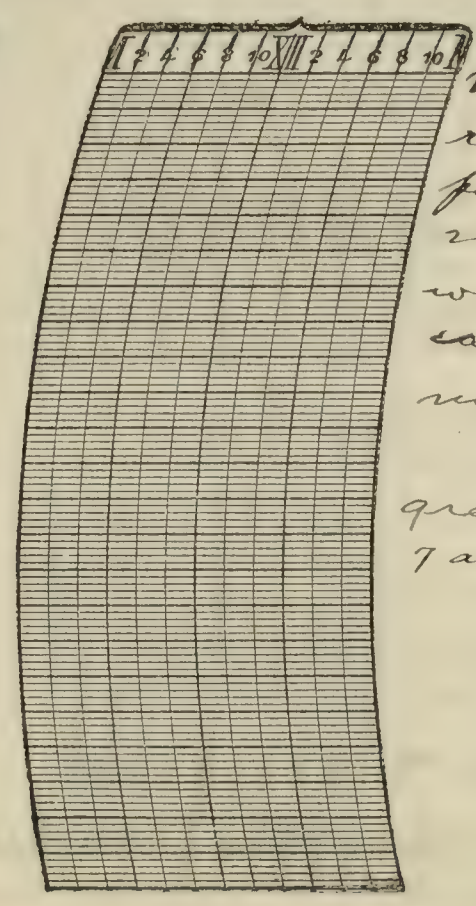
Relative humidity, 83 a. m. ____ p. m.

Reduced barometer, 30.44 a. m. ____ p. m.

River gage, River frozen. Ice thick







NOTES.

The following message from Washington D.C. dated Jan. 14th was received at 8:40 am today. "Cold Wave; temperature will fall twenty degrees next 24 hours. — Moon". The cold wave flag was not hoisted, for the regular forecast message received at 8:45 am did not contain a repetition of the warning.

A cold wave occurred this date. The greatest drop fall was 20°, — from 14° at 7 am on the 14th to -6° at 7 am on the 15th.

Prepared by S. U. [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE, ILL., (Day of week) Tuesday, (Date) JAN 16 1912 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	-5	-5	-7	-7	-7	-9	-5	-7	-3	2	7	11
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		Uncov				Clear					H.P.C.	
		visible			Haze							
Sunrise: Time, 7:19 Character, Clear												
Sunshine (in tenths of hours)								.68 0	.4 0	0.8	1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	SW	S	S	S
Wind movement	5	5	5	5	4	3	2	2	4	5	6	7
Maximum velocities (exceeding 20 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	12	13	13	13	14	13	12	12	12	12	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Cloudy					Clear				
Sunset: Time, 4:54 Character, Cloudy												
Sunshine (in tenths of hours)	0.3	0	0	0	0							
Wind direction	S	S	SE	SE	SE	SE	SE	SE	SE	SE	S	S
Wind movement	10	11	9	12	11	12	11	10	9	10	8	10

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
15	-9	3	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 2.9 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day PTC Cdy Moon phase,

Average daily cloudiness (0-10) 6

Actual sunshine, hours, 4.2

Possible sunshine, hours, 9.6

Percentage of possible sunshine, 44

Prevailing direction So. Pacific & West.

Total movement, 171

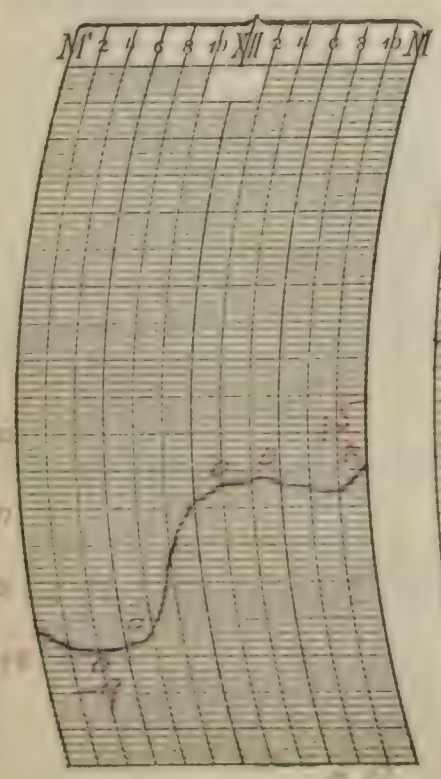
Average hourly velocity, 7.4

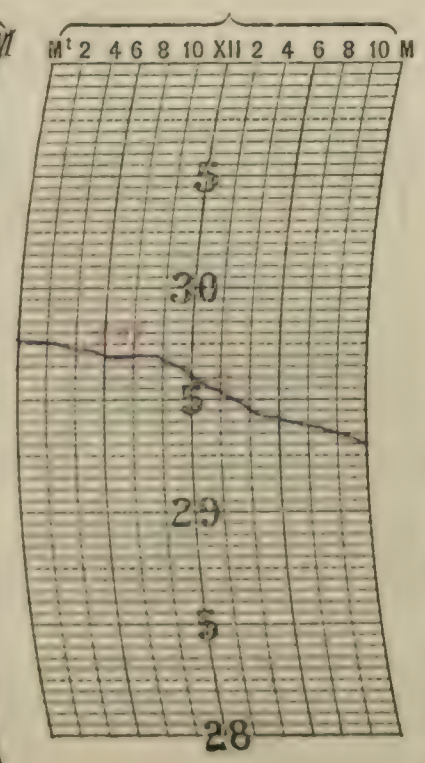
	Maximum velocity,	Direction,	Time.
	15.	SE	5:42 pm
Extreme vel.	17	SE	5:40 pm

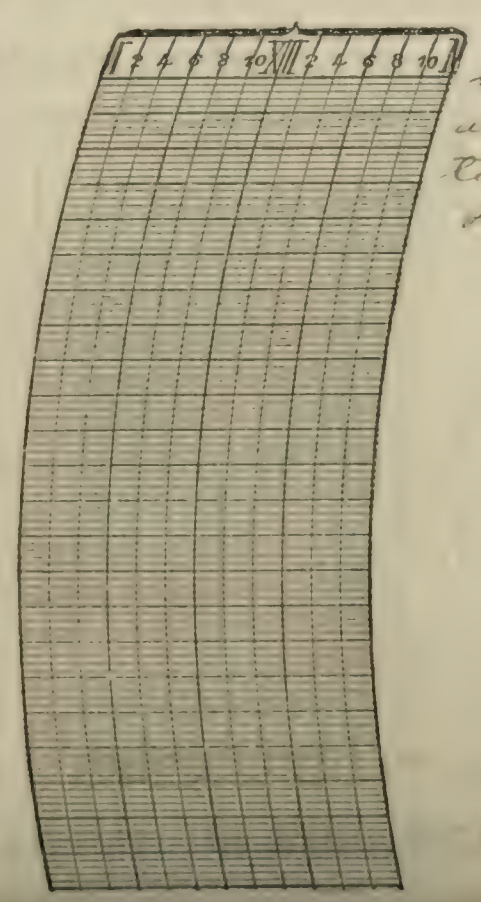
Relative humidity, 100 a. m. ✓ p. m.

Reduced barometer, [illegible] a. m. p. m.

River gage, R







NOTES.

Special observation taken at 1:40 pm on account of falling pressure, and telegraphed to Washington.

SE smoke began 7 a.m. and ended at 7 p.m.

Prepared by S. O. F.

Verified by S. S. S.

H—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) JAN 17 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	17	20	21	22	23	25	26	26	28	29	30	31
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions											Clear Day	
Sunrise: Time, 7:18 Character, Cloudy												
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	S	S	S	S	S	SW	S	SW	SW	SW	SW	W
Wind movement	12	12	12	6	6	7	4	7	6	3	1	2
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	33	33	33	32	32	31	31	30	29	29	28
Nature of precipitation and time of beginning and ending								Rain B 8:30			Rain E	
Amounts of precipitation									T .03			
Cloudiness and other conditions												
Sunset: Time, 4:55 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	W	W	W	W	W	N	NE	NE	NE	NE	NE	NE
Wind movement	3	2	2	2	4	4	5	5	5	6	5	6

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
33	15	24	21

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 2.5 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .03 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 9.6

Percentage of possible sunshine, 0

Prevailing direction Northeast & South

Total movement, 127

Average hourly velocity, 5.3

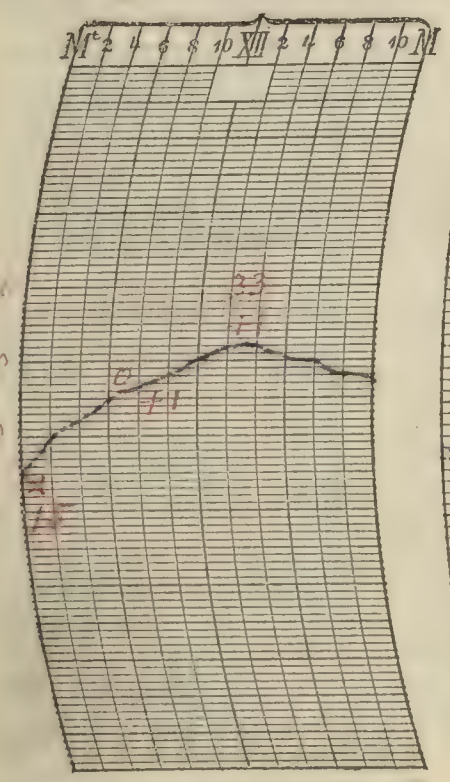
Maximum velocity,	Direction,	Time.
14	S	1:50 am
14	S	1:50 am

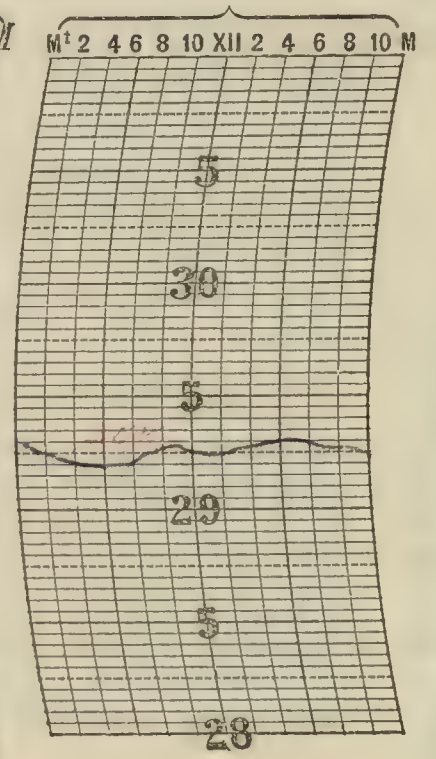
Relative humidity, 68 a. m. p. m.

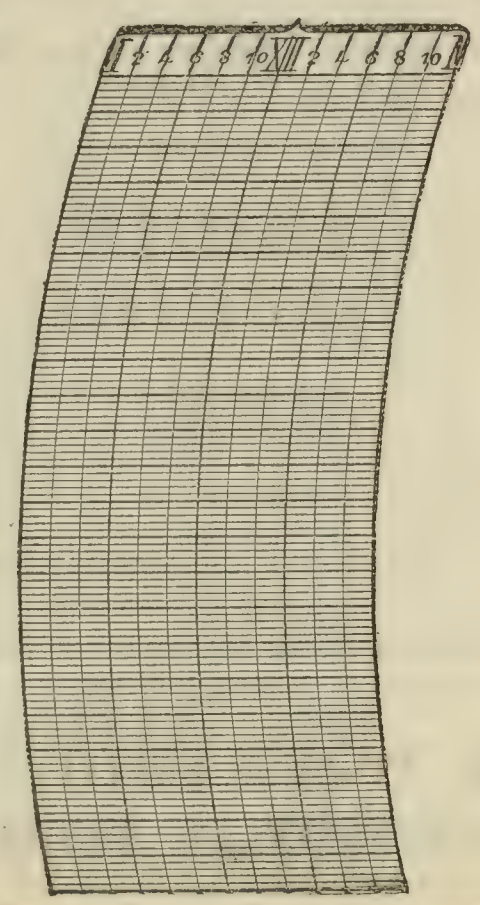
Reduced barometer, 29.81 a. m. p. m.

River gage, Rivers frozen

NOTES.







Prepared by S. V. V.
Verified by S. V. V.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL., (Day of week) Thursday, (Date) JAN 18 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	27	26	25	24	23	22	21	21	21	21	21
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												←T→
Cloudiness and other conditions										Cloudy		
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	NW	W	NW	W	W	W	W	W	NW	NW	NW	NW
Wind movement	8	6	7	8	12	10	7	10	12	14	12	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	23	23	22	21	20	18	16	15	15		
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Partly Cloudy			Clear				
Sunshine (in tenths of hours)	0.1	0.1	×0.3	×0.5	×.93							
Wind direction	NW	NW	NW	NW	NW	NW	SW	SW	W	W	W	W
Wind movement	10	11	11	11	6	6	6	5	9	10	12	10

Sunrise: Time, 7:18 Character, Cloudy

Sunset: Time, 4:56 Character, Clear

Maximum velocity (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
28	9		

Total depth of snow for 24 hours ending 7 p. m. T inches.

Snow on ground 7 p. m., 2.4 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., .03 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 1.9

Possible sunshine, hours, 9.6

Percentage of possible sunshine, 20

Prevailing direction Northwest

Total movement, 223

Average hourly velocity, 9.3

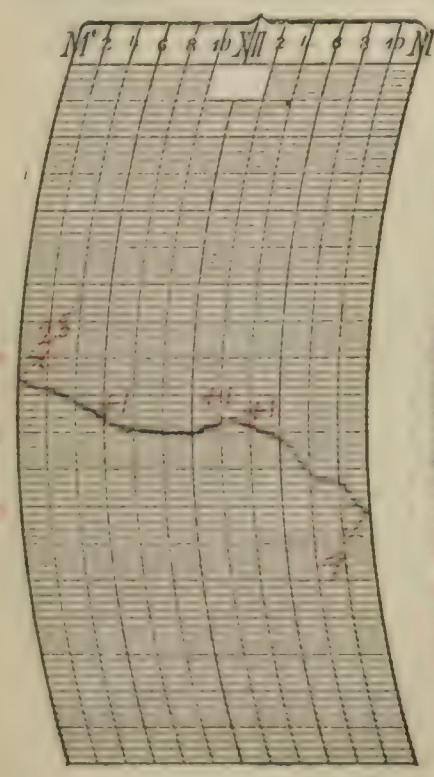
Maximum velocity,	Direction,	Time.
16	NW	9:53 am
Extreme Vel. 16	NW	9:53 am

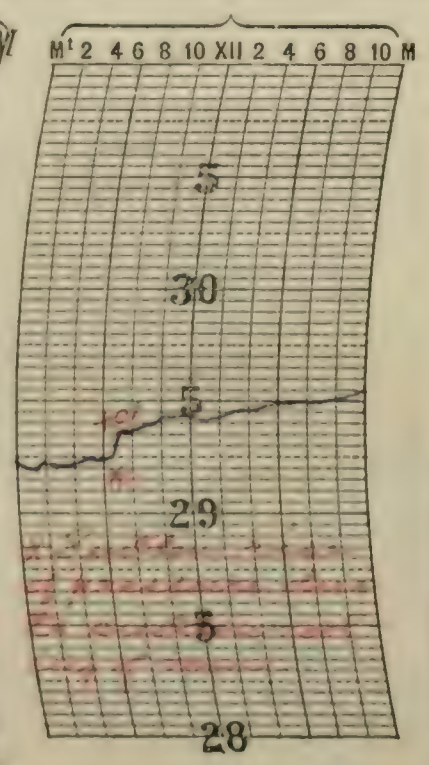
Relative humidity, 89 a. m. p. m.

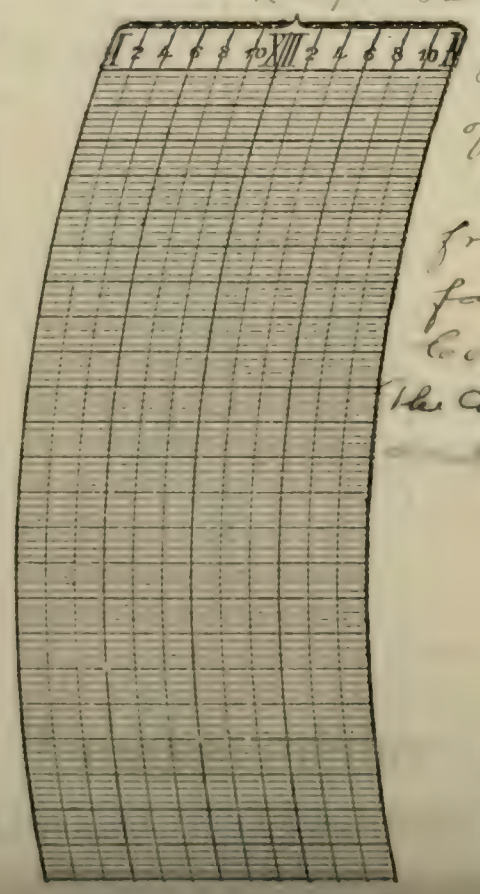
Reduced barometer, 29.97 a. m. p. m.

River gage, No river gauge

× Esp. observations







NOTES.

Streets are very slippery today on account of last night's sleet storm.

The following message was received from Chicago at 8:46 am: "Generally fair tonight and Saturday. Cold wave. Cox." — All interests were notified. The Cold wave flag was hoisted about 9 o'clock and lowered at 5 o'clock.

Prepared by S. P. P.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) JAN 19 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	8	6	2	-1	-2	-4	0 -5	+1 -5	-4	-2	0	2
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												Clear
Sunrise: Time, Character,	7:17 Clear											
Sunshine (in tenths of hours)								.72 0	6.4 0.6	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	9	11	14	12	9	10	9	9	9	9	8	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	3	5	5	5	4	3	3	1	1	0	0	1
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, Character,									4:57 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	.95 0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	SW
Wind movement	10	12	10	9	8	4	5	5	5	4	2	3

Maximum velocities (exceeding 25 miles) direction and time

Maximum.	Minimum.	Mean.	Normal.
9	-5	2	21

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 2.4 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, ● 5:11 am

Average daily cloudiness (0-10) 0

Actual sunshine, hours, 9.7

Possible sunshine, hours, 9.7

Percentage of possible sunshine, 100

Prevailing direction West

Total movement, 196

Average hourly velocity, 8.2

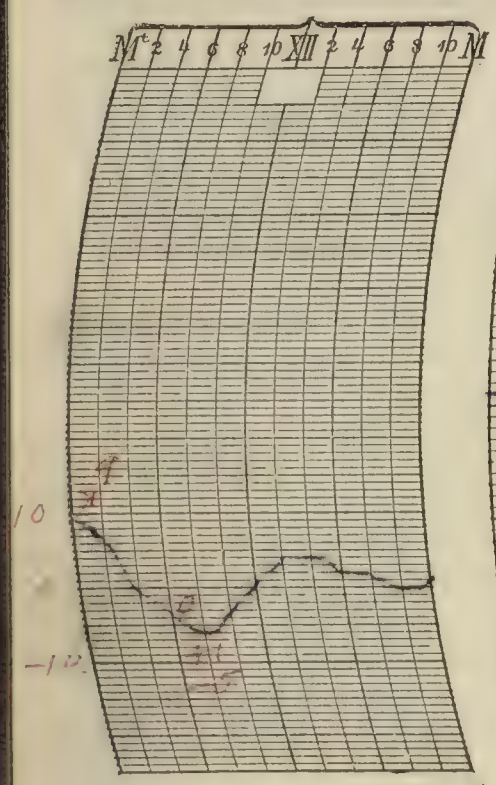
Maximum velocity,	Direction,	Time.
17	NW	2:33 am
Extreme vel.: 18	W	2:32 am

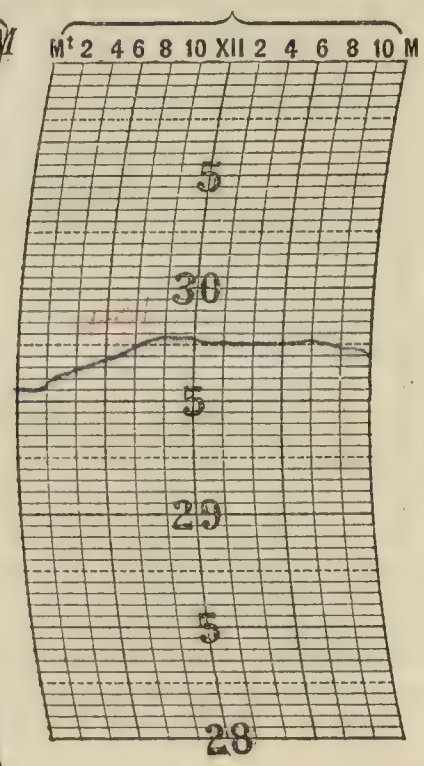
Relative humidity, 83 a. m. ____ p. m.

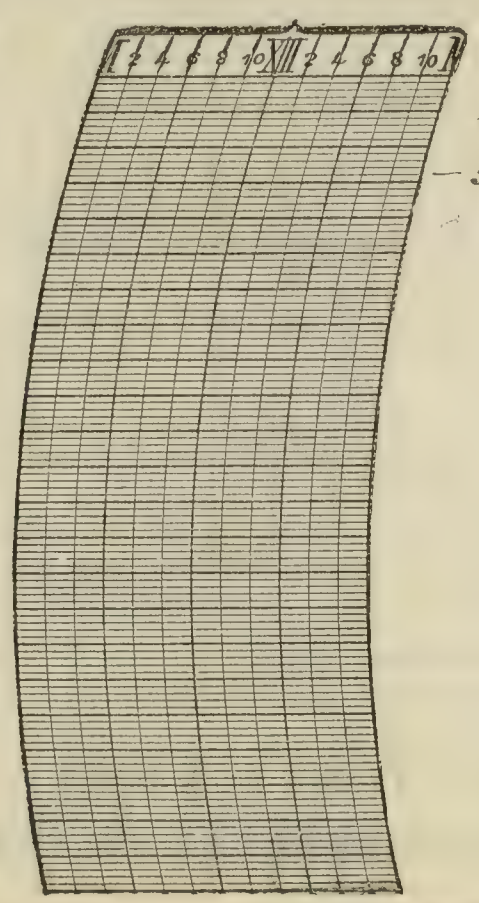
Reduced barometer, 30.3 a. m. ____ p. m.

River gage, River frozen

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.







NOTES.

A cold wave occurred today. The greatest 24 hr. fall was 27° — from 22° at 7 am on 18th to -5° at 7 am today.

Prepared by S. P. P.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) JAN 20 1912 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	4	6	7	9	11	12	14	15	18	20	20	21
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation								T				
Cloudiness and other conditions					Cloudy							
Sunrise: Time, 7:16 Character, Cloudy												
Sunshine (in tenths of hours)								0	0	0	0.3	0.9
Wind direction	S	S	SE	SE	S	S	SW	SW	SW	SW	W	W
Wind movement	2	4	2	4	5	8	11	8	9	10	13	13
Maximum velocity (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	21	20	19	19	17	15	14	11	10	9	7	5
State of weather: Nature of precipitation and time of beginning and ending	12:01	1:05	2:42 2:50									
Amounts of precipitation	T	T	T									
Cloudiness and other conditions	Cloudy	Cloudy	Cloudy	P.C.	Clear							
Sunset: Time, 4:58 Character, Clear												
Sunshine (in tenths of hours)	0.5	1.0	0.1	0.8	.97 0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	16	16	13	13	9	10	8	7	8	10	10	9

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
21	1	11	

Total depth of snow for 24 hours ending 7 p. m., 0.3 inches.

Snow on ground 7 p. m., 2.5 inches.

Total snowfall, midnight to midnight, 0.3 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, P.Cloudy Moon phase,

Average daily cloudiness (0-10) 6

Actual sunshine, hours, 4.6

Possible sunshine, hours, 9.7

Percentage of possible sunshine, 47

Prevailing direction West

Total movement, 218

Average hourly velocity, 9.1

Maximum velocity,	Direction,	Time.
19	W	1:52 p.m.

Relative humidity, 91 a. m. p. m.

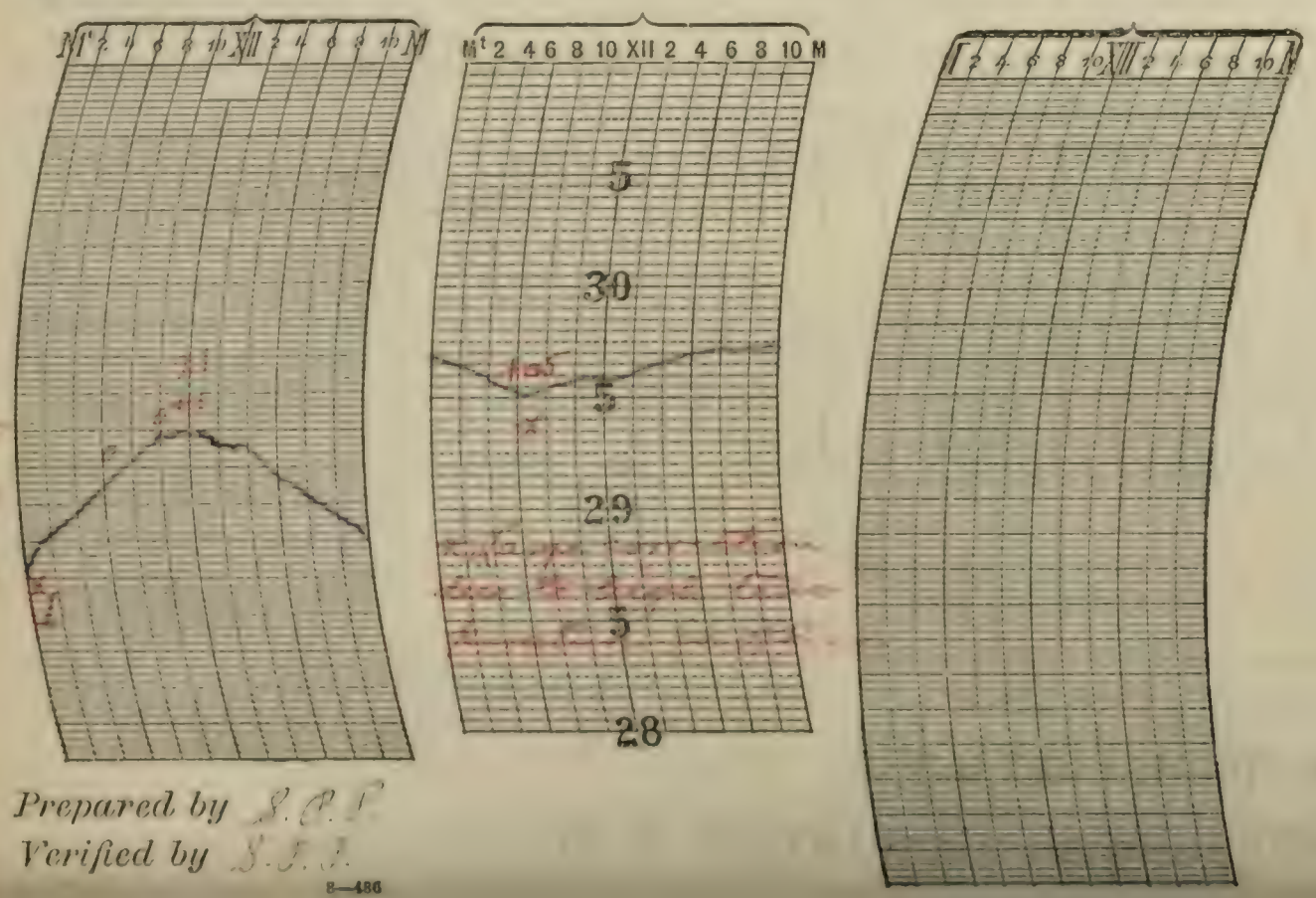
Reduced barometer, 30.19 a. m. p. m.

River gage, Ribbed frozen

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

NOTES.



Prepared by S. P. S.
Verified by S. J. J.

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) JAN 21 1912, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	4	3	2	2	2	2	3	5	9	17	21	25	29	31	33	35	35	35	34	33	32	30	25	28
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				Clear															Moon visible					
Sunrise: Time, 7:16 Character, Clear																					Sunset: Time, 4:59 Character, Clear			
Sunshine (in tenths of hours)								.73 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.5 0.5	.98 0							
Wind direction	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	NW	N	N
Wind movement	9	8	6	9	8	5	6	9	7	10	12	13	13	14	13	12	12	8	4	5	3	4	5	4
Maximum velocities (exceeding 25 miles) direction and time																								

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
36	2	17	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 1.4 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 1

Actual sunshine, hours, 9.7

Possible sunshine, hours, 9.7

Percentage of possible sunshine, 100

Prevailing direction Southwest

Total movement, 199

Average hourly velocity, 8.3

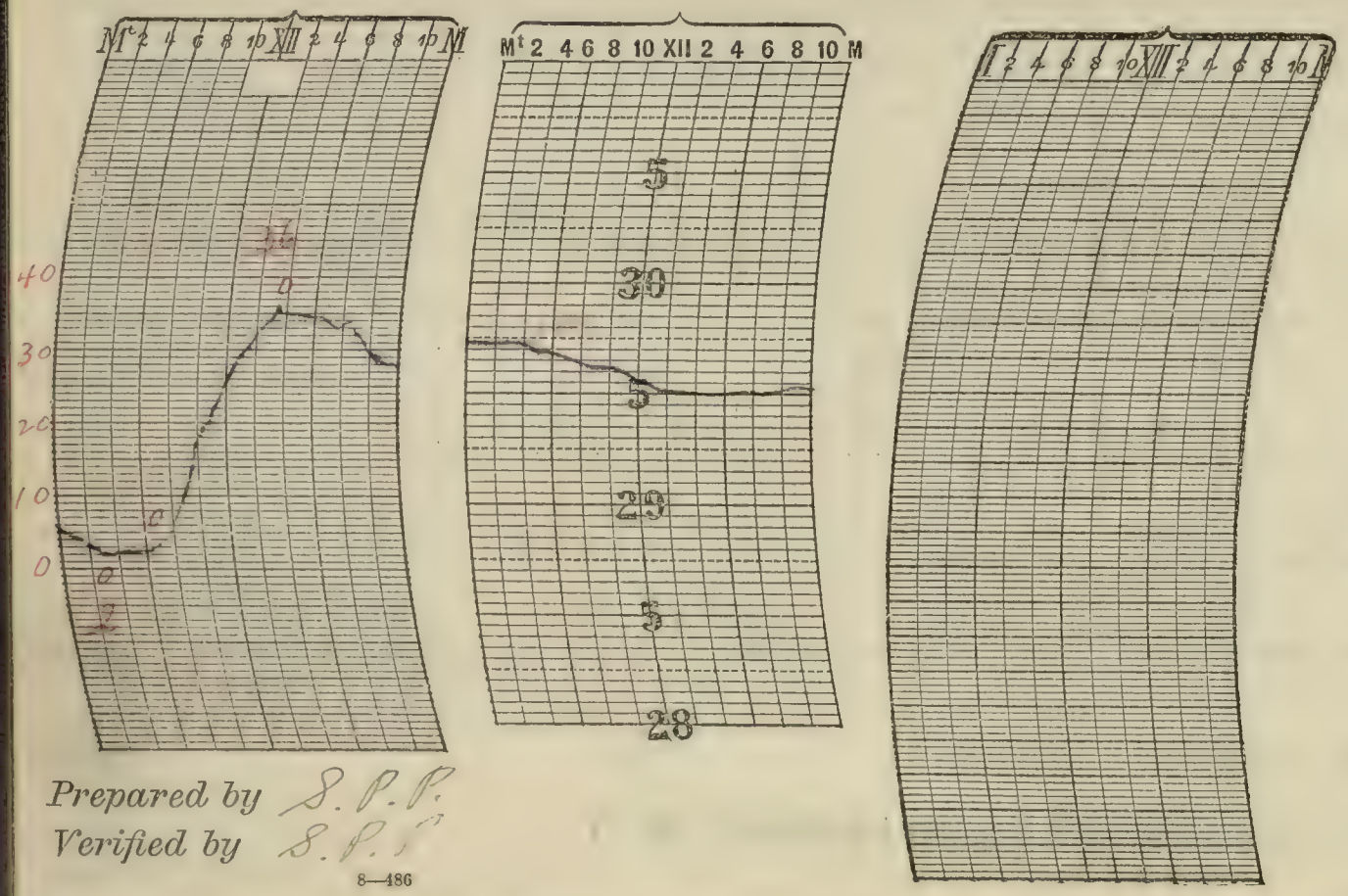
Maximum velocity,	Direction,	Time.
17	SW	11:22 am
Extreme vel., 18	SW	1:54 pm

Relative humidity, 92 a. m. p. m.

Reduced barometer, 30.29 a. m. p. m.

River gage, River frozen.

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.



NOTES.

Prepared by S. P. P.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) JAN 29 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	26	24	23	20	18	19	19	22	24	29	33
State of weather: Nature of precipitation and time of beginning and ending									SLB 8:20 SLT 8:40			
Amounts of precipitation									T			
Cloudiness and other conditions				Ft	Ft Cloudy			x	Cloudy			x
Sunrise: Time, Character, 7:15 Cloudy												
Sunshine (in tenths of hours)								0	0	0	0.9	0.7
Wind direction	N	NE	NE	NE	NE	NE	NE	N	N	SE	SW	SW
Wind movement	3	5	2	3	3	4	1	2	1	2	1	2

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	38	39	38	38	37	37	37	37	35	35	36
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation								Moon visible				
Cloudiness and other conditions	Ft Cloudy		x	Cloudy	x	Ft Cloudy	x	Clear				
Sunset: Time, Character, 5:01 Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.4	1.0 0	.02 0						
Wind direction	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W
Wind movement	8	11	9	11	9	9	10	9	11	9	15	9

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
39	18	28	21

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day Ft Cloudy Moon phase, ____

Average daily cloudiness (0-10) 7

Actual sunshine, hours, 6.0

Possible sunshine, hours, 7.8

Percentage of possible sunshine, 61

Prevailing direction Southwest

Total movement, 163

Average hourly velocity, 6.8

Maximum velocity,	Direction,	Time.
17	W	10:28 pm
Extreme Vel., 18	W	10:29 pm

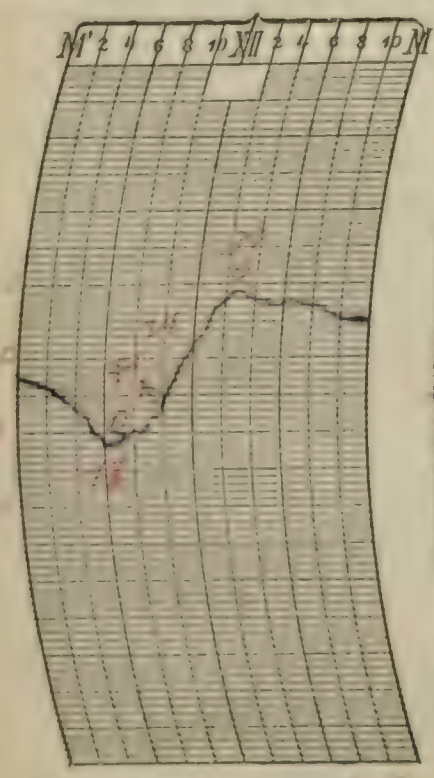
Relative humidity, 94 a. m. ____ p. m.

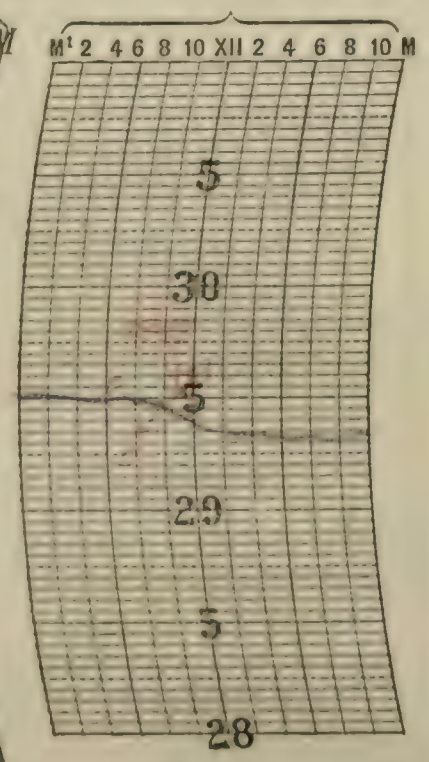
Reduced barometer, 30.10 a. m. ____ p. m.

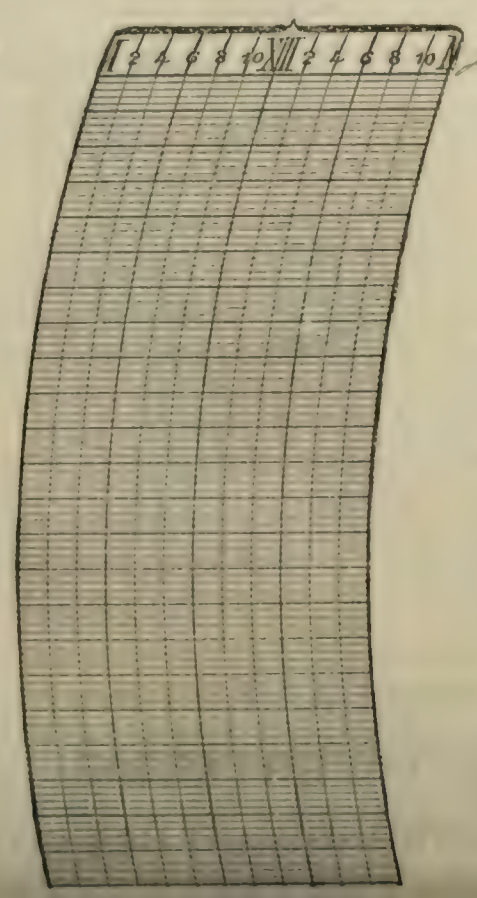
River gage, River frozen Dec 15 inches

NOTES.

Lt smoke prevailed from 8 to 9 p.m.







Prepared by S. R. S.

Verified by C. R. C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL., (Day of week) Tuesday, (Date) JAN 28 1912, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	36	36	36	36	36	36	+1 36	36	36	37	+1 37	37	36	35	34	34	33	32	31	30	27	25	22	19
State of weather: Nature of precipitation and time of beginning and ending													Snow 12:20 Snow 12:30											
Amounts of precipitation													T											
Cloudiness and other conditions											Cloudy													
Sunrise: Time, Character,	7:14 Cloudy																				Sunset: Time, Character, 5:02 Cloudy			
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0	0						
Wind direction	W	W	W	W	W	W	W	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	10	10	10	10	11	11	8	9	8	9	10	8	9	9	9	9	8	8	8	10	8	9	8	9
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
37	19	28	21

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 9.8

Percentage of possible sunshine, 0

Prevailing direction West

Total movement, 218

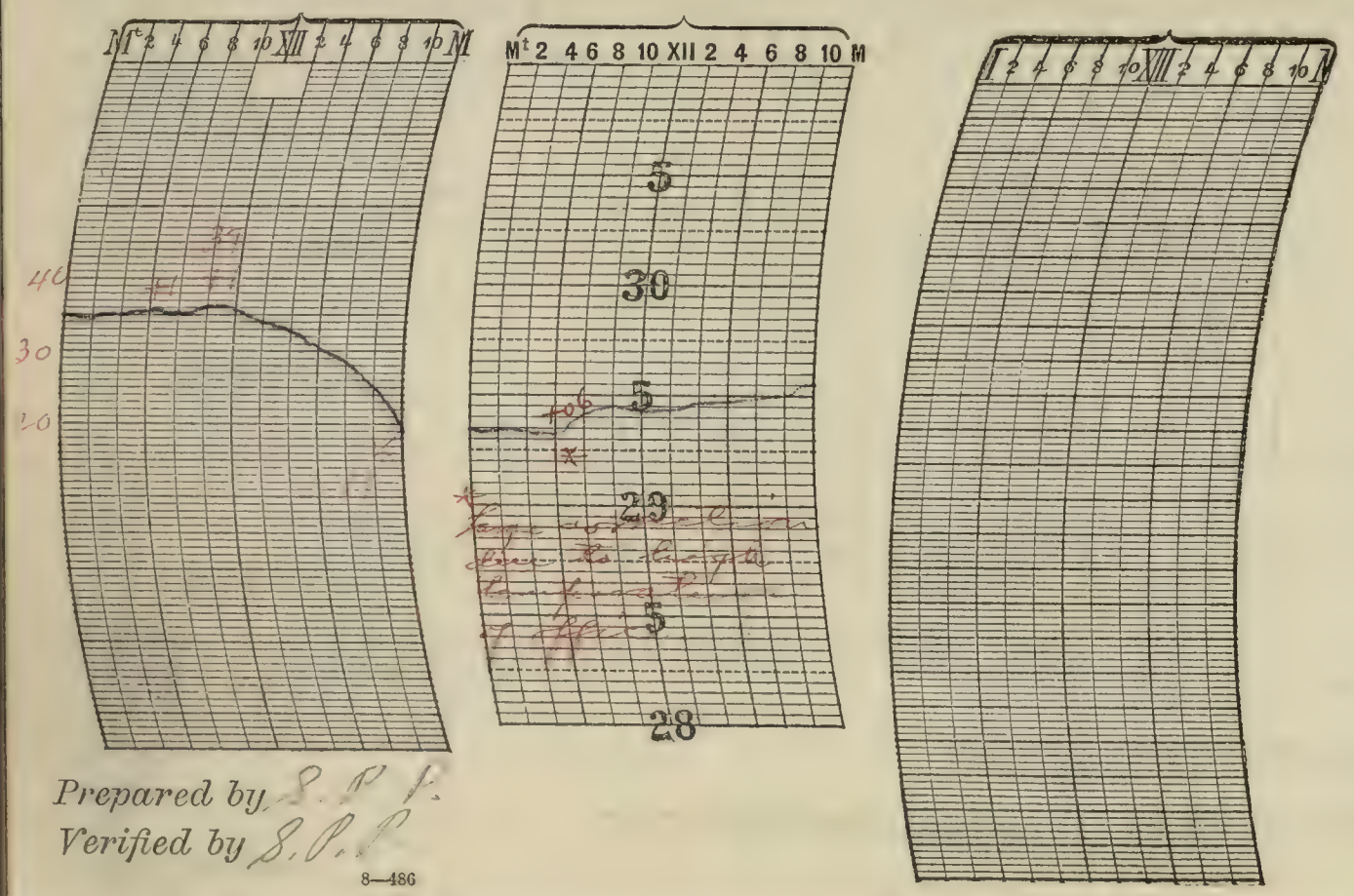
Average hourly velocity, 9.1

Maximum velocity,	Direction,	Time.
14	W	5:32 am
Extreme vel. 14	W	5:32 am

Relative humidity, 86 a. m. p. m.

Reduced barometer, 30.21 a. m. p. m.

River gage, never frozen



NOTES.

Prepared by S. P. F.

Verified by S. O. C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) JAN 1 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	17	15	13	12	11	10	11	11	12	16	19	21
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												Clear
Sunshine (in tenths of hours)								.77 0	0.6x 0.4	x 1.0	1.0	1.0
Wind direction	NW	NW	NW	NW	N	N	N	NW	N	N	SW	SW
Wind movement	10	11	6	4	4	2	2	3	4	3	5	[illegible]

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	25	26	25	24	23	22	22	21	20	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									Moon visible			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.4 0.6	1.0 0	.05 0						
Wind direction	SW	SW	W	W	W	W	NW	NW	NW	W	NW	NW
Wind movement	10	10	9	8	8	8	8	8	7	3	4	3

Sunrise: Time, 7:14 Character, Clear

Sunset: Time, 5:03 Character, Clear

Maximum velocity (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
[illegible]	[illegible]	[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 1 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, [illegible] inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 0

Actual sunshine, hours, 9.8

Possible sunshine, hours, 9.8

Percentage of possible sunshine, 100

Prevailing direction Northwest

Total movement, 147

Average hourly velocity, 6.1

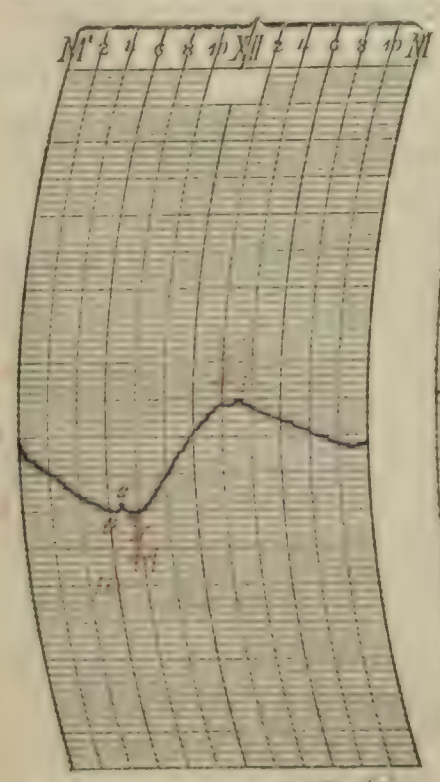
Maximum velocity,	Direction,	Time.
14	NW	12:42 am
Extreme vel., 14	NW	12:42 am

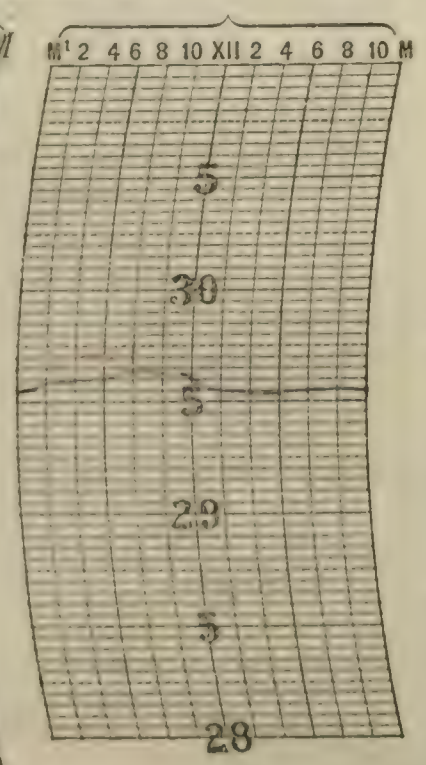
Relative humidity, 75 a. m. ____ p. m.

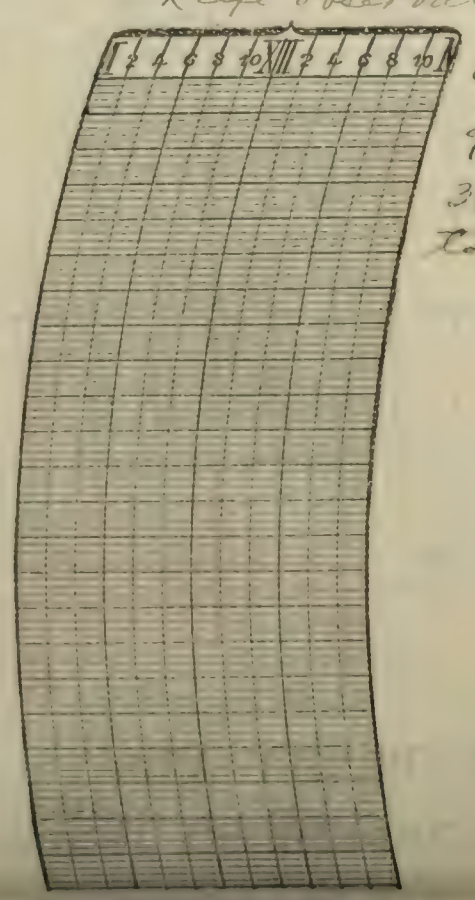
Reduced barometer, 30.21 a. m. ____ p. m.

River gage, [illegible]

x Eye observation.







NOTES.

A cold wave occurred today. The greatest 24 hour fall was 26°, from 36° at 6 am of the 23rd to 10° at 6 am today.

Prepared by S. C. H.

Verified by S. C. H.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL, (Day of week) Thursday, (Date) JAN 25 1912, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	19	18	17	16	14	14	14	15	17	19	21	23	26	28	28	28	27	26	25	25	25	25	25	25
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Cloudy					×	P.C.	×	Cloudy						Moon visible at intervals			
Sunrise: Time, Character,	7:13 Cloudy																				Sunset: Time, Character, 5:04 Cloudy			
Sunshine (in tenths of hours)								0	0	0	0	0.6	0.7	1.0	0.6	0	0	0						
Wind direction	NW	NW	N	N	NE	NE	NE	NE	E	E	E	SE	SE	SE	S	E	E	E	E	E	E	E	E	E
Wind movement	3	2	2	2	3	3	5	4	4	4	4	4	5	5	4	7	8	9	9	7	8	8	7	7
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

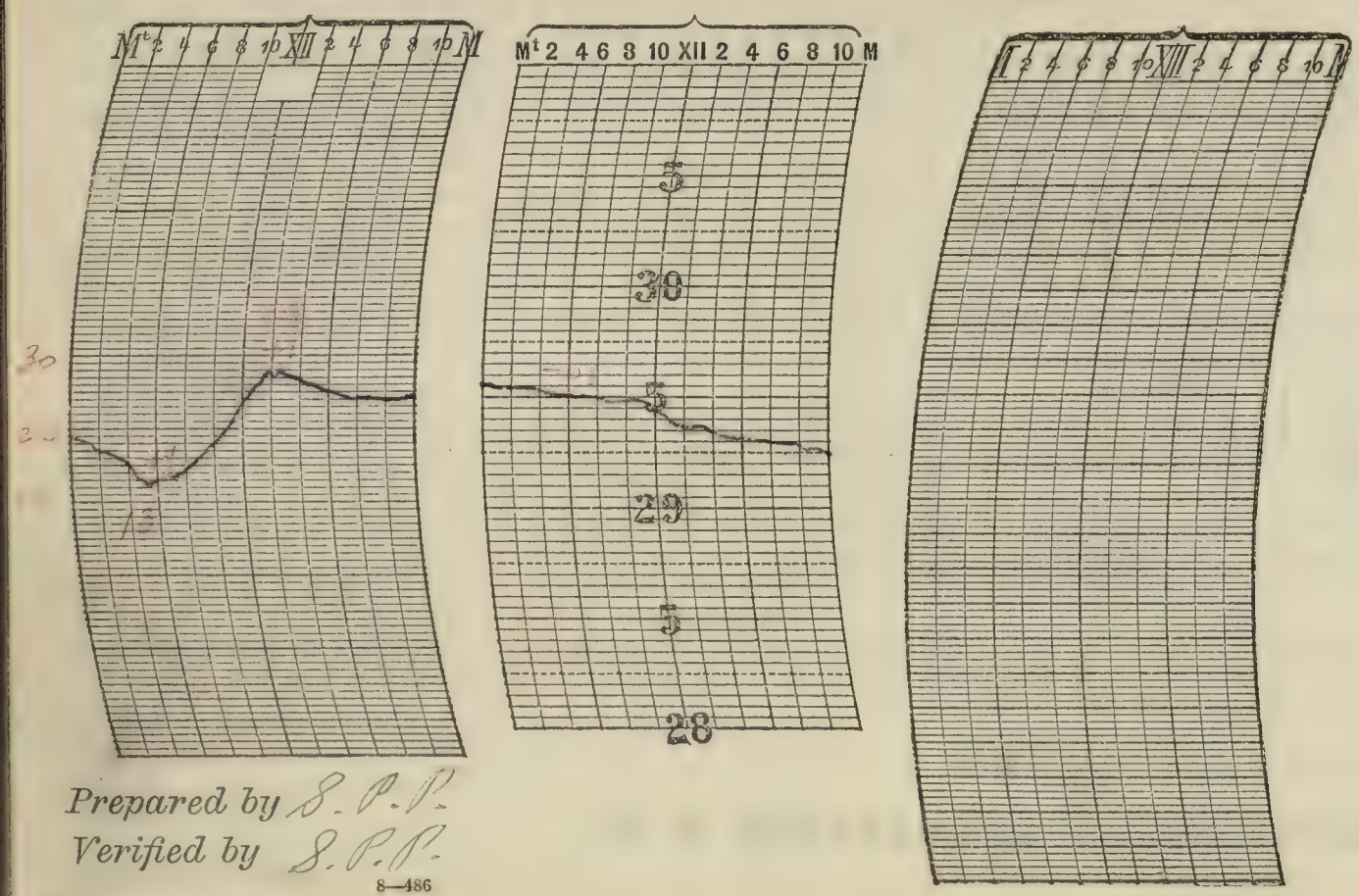
1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
28	13	21	22

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 8
Actual sunshine, hours, 2.9
Possible sunshine, hours, 9.8
Percentage of possible sunshine, 30
Prevailing direction East
Total movement, 124
Average hourly velocity, 5.2

Maximum velocity,	Direction,	Time.
10	E	6:42 pm
Extreme vel. 10	E	6:42 pm

Relative humidity, 89 a. m. p. m.
Reduced barometer, 30.09 a. m. p. m.
River gage, river frozen



NOTES.

Prepared by S. P. P.
Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) JAN 26 1912, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	25	24	24	24	24	24 +1	24	24	25	25	26	27	28	29	29	30 +1	30	29 +1	29	29	28	27	23
State of weather: Nature of precipitation and time of beginning and ending									8:35		10:45							5:15	6:30 6:45	7:30				
Amounts of precipitation									←	T	→							←	T	→				
Cloudiness and other conditions												Cloudy												
Sunrise: Time, 7:12 Character, Cloudy																					Sunset: Time, 5:06 Character, Cloudy			
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0	0						
Wind direction	E	E	E	E	E	E	SE	E	E	E	E	S	S	SW	W	W	W	W	W	W	W	V	V	V
Wind movement	7	7	8	8	5	7	7	5	4	4	3	2	3	3	4	4	4	4	4	5	6	9	10	10
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
30	23	26	

Total depth of snow for 24 hours ending 7 p. m. T inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 1 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 7.8

Percentage of possible sunshine, 0

Prevailing direction East

Total movement, 133

Average hourly velocity, 5.5

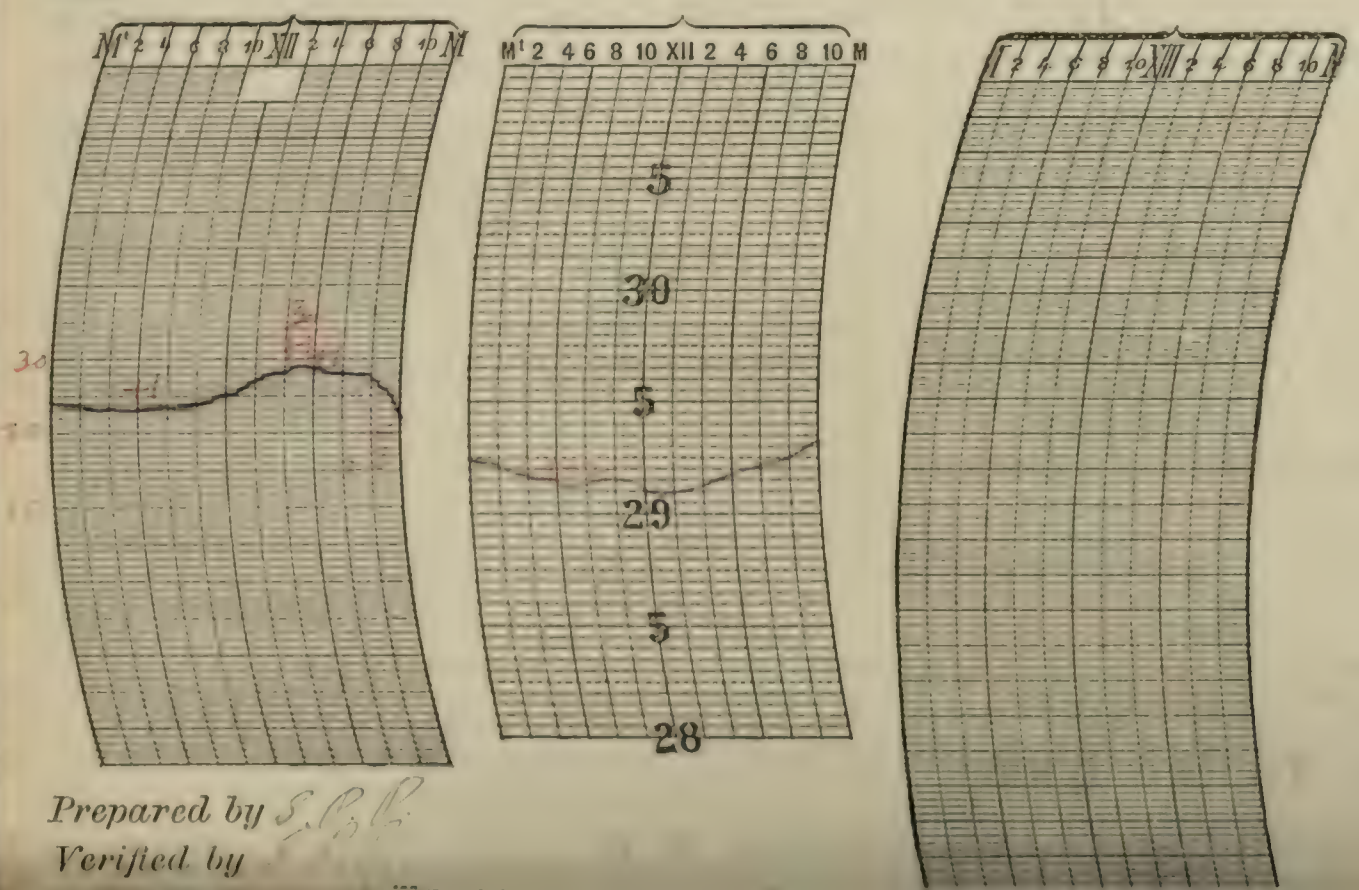
Maximum velocity,	Direction,	Time.
12	N	11:19 pm
Extreme vel., 12	N	11:19 pm

Relative humidity, 87 a. m. p. m.

Reduced barometer, 29.73 a. m. p. m.

River gage, 2.0 feet

NOTES.



Prepared by S. P. B.

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) JAN 27 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	20	19	19	18	16	13	14	15	16	17	18
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation											T	
Cloudiness and other conditions						Cloudy						
Sunshine (in tenths of hours)								0	0	0	0	0.9
Wind direction	N	N	N	N	N	NE	NE	NE	NE	NE	NE	NE
Wind movement	7	7	7	10	11	13	12	10	9	6	5	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	21	23	25	26	26	24	22	21	20	19	19	17
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Cloudy			Moon visible at intervals			
Sunshine (in tenths of hours)	0.7	0.6	0.5	0.1	0	0						
Wind direction	NE	NE	NE	NE	E	NE	NE	E	E	E	NE	E
Wind movement	9	10	10	11	12	14	14	15	14	12	15	14

Sunrise: Time, 7:11 Character, Cloudy

Sunset: Time, 5:07 Character, Cloudy

Maximum velocities (exceeding 75 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
26	13	20	22

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase, ☽ 2:51 am

Average daily cloudiness (0-10) 5

Actual sunshine, hours, 2.8

Possible sunshine, hours, 9.9

Percentage of possible sunshine, 28

Prevailing direction Northeast

Total movement, 261

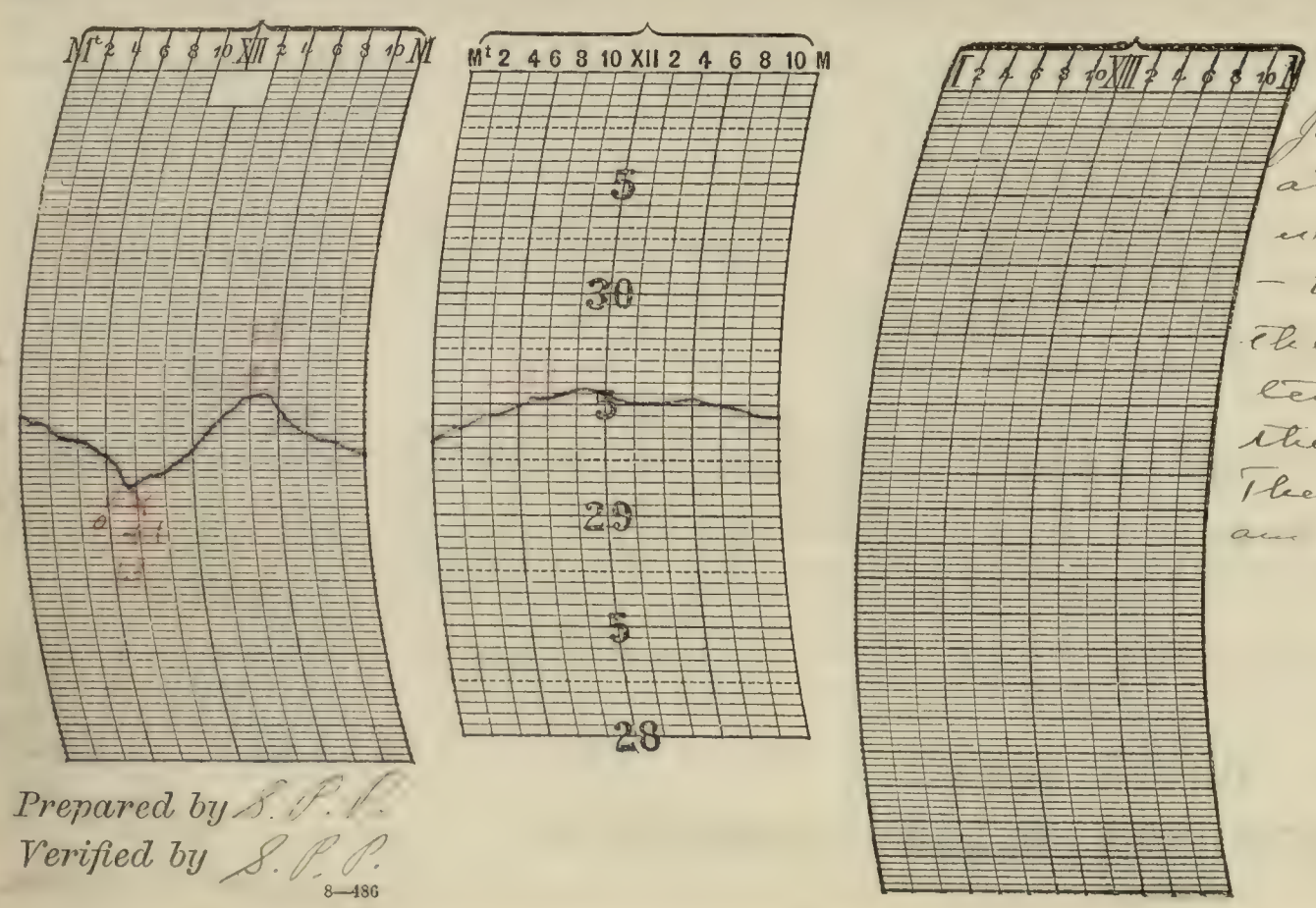
Average hourly velocity, 10.9

Maximum velocity,	Direction,	Time.
17	NE	5:52 pm
Extreme vel. 19	E	7:31 pm

Relative humidity, 98 a. m. ____ p. m.

Reduced barometer, 30.11 a. m. ____ p. m.

River gage, [illegible]



NOTES.

The following cold wave warning dated Jan. 26th was rec'd from Washington, D. C. at 6:35 am today: Cold wave; temperature will fall 20° or more next 24 to 36 hrs. — Moore." The flag was not hoisted, for the temp. had already fallen considerably at 7 am & was 13°, and if the temperature had fallen to 9° at 7 pm, the cold wave would have occurred. The warning was not repeated in the regular am forecasts.

Prepared by S. P. P.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL, (Day of week) Sunday, (Date) JAN 28 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	17	18	19	19	20	20	21	22	22	22	22	23
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions											Cloudy	
Sunrise: Time, Character,	7:10 Cloudy											
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	14	14	15	16	17	15	15	14	12	12	11	9
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	24	24	24	24	24	24	25	24	24	24	24
State of weather: Nature of precipitation and time of beginning and ending							S B 6:30		S E 8:20			
Amounts of precipitation								T	T			
Cloudiness and other conditions	Cloudy											
Sunset: Time, Character,									5:08 Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	E	E	E	NE	NE	NE	NE	N	NW	NW	NW	NW
Wind movement	9	8	6	5	5	4	3	5	6	7	10	9
Maximum velocities (exceeding 25 miles) direction and time												

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
25	17		

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 10.0

Percentage of possible sunshine, 0

Prevailing direction East

Total movement, 243

Average hourly velocity, 10.1

Maximum velocity,	Direction,	Time.
20	NE	3:42 am
Extreme vel. 21 - E		4:44 am

Relative humidity, 67 a. m. p. m.

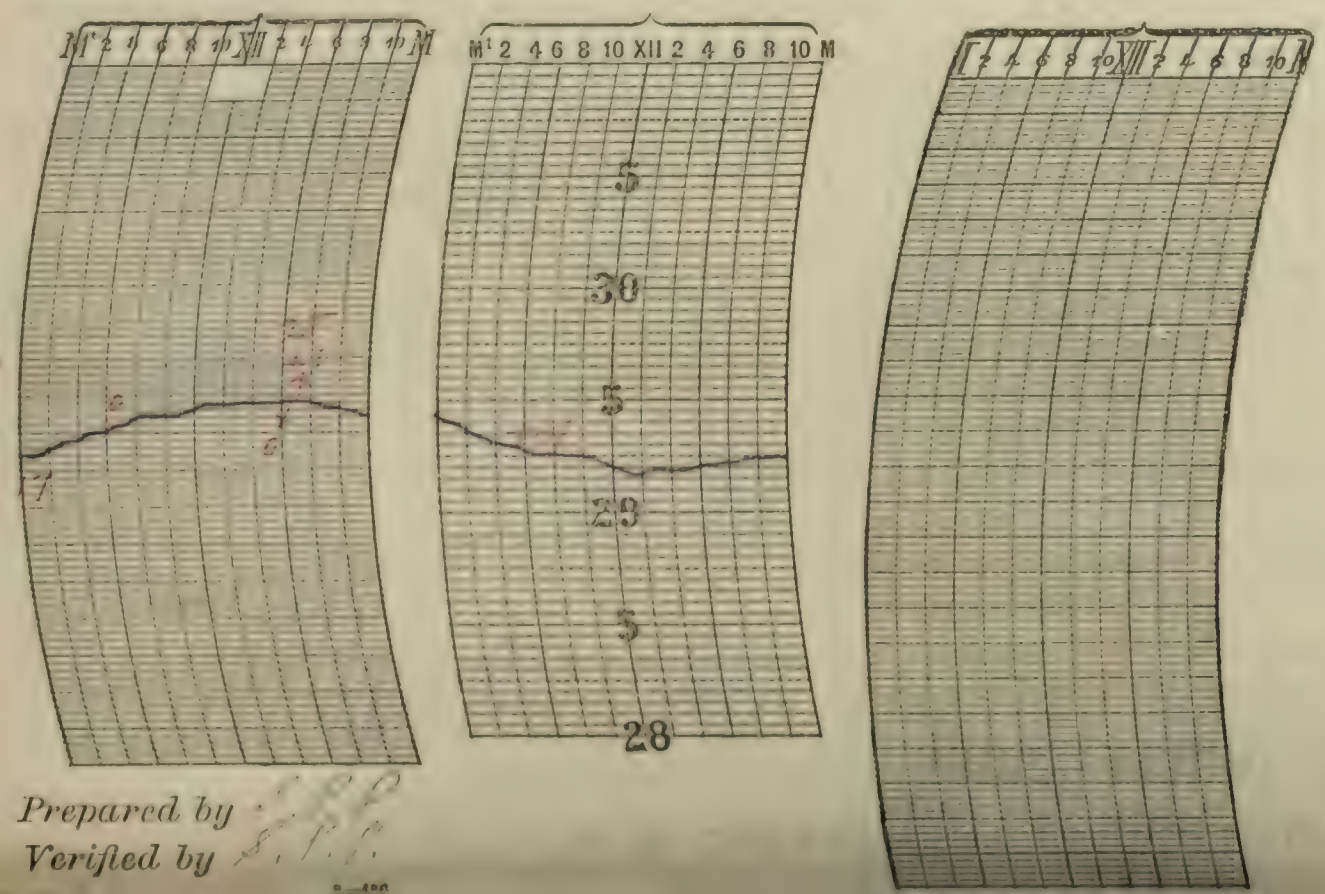
Reduced barometer, 29.87 a. m. p. m.

River gage,

Excessive precipitation, accumulated amounts.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

NOTES.



Prepared by

Verified by

Form No. 1014—Mo'T.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Monday, (Date) JAN 29 1912, 191 7

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	22	22	22	21	21	20	19	[illegible]	17	19	21
State of weather: Nature of precipitation and time of beginning and ending								Sn 7:12				
Amounts of precipitation								T				
Cloudiness and other conditions									Cloudy			
Sunrise: Time, 7:10 Character, Cloudy												
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	9	9	10	10	13	12	12	12	12	12	11	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	+1 22	22	21	20	20	20	20	20	20	20	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending								Sn 7:25				
Amounts of precipitation		T						T				
Cloudiness and other conditions									Moon visible			
Sunset: Time, 5:09 Character, Clear												
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	13	14	15	12	12	11	12	9	7	10	10	10

	Maximum.	Minimum.	Mean.	Normal.
	23	18	[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 10.0

Percentage of possible sunshine, 0

Prevailing direction West

Total movement, 268

Average hourly velocity, 11.2

	Maximum velocity,	Direction,	Time.
	17	W	2:09 pm
Extreme vel.,		17-W	2:09 pm

Relative humidity, 88 a. m. p. m.

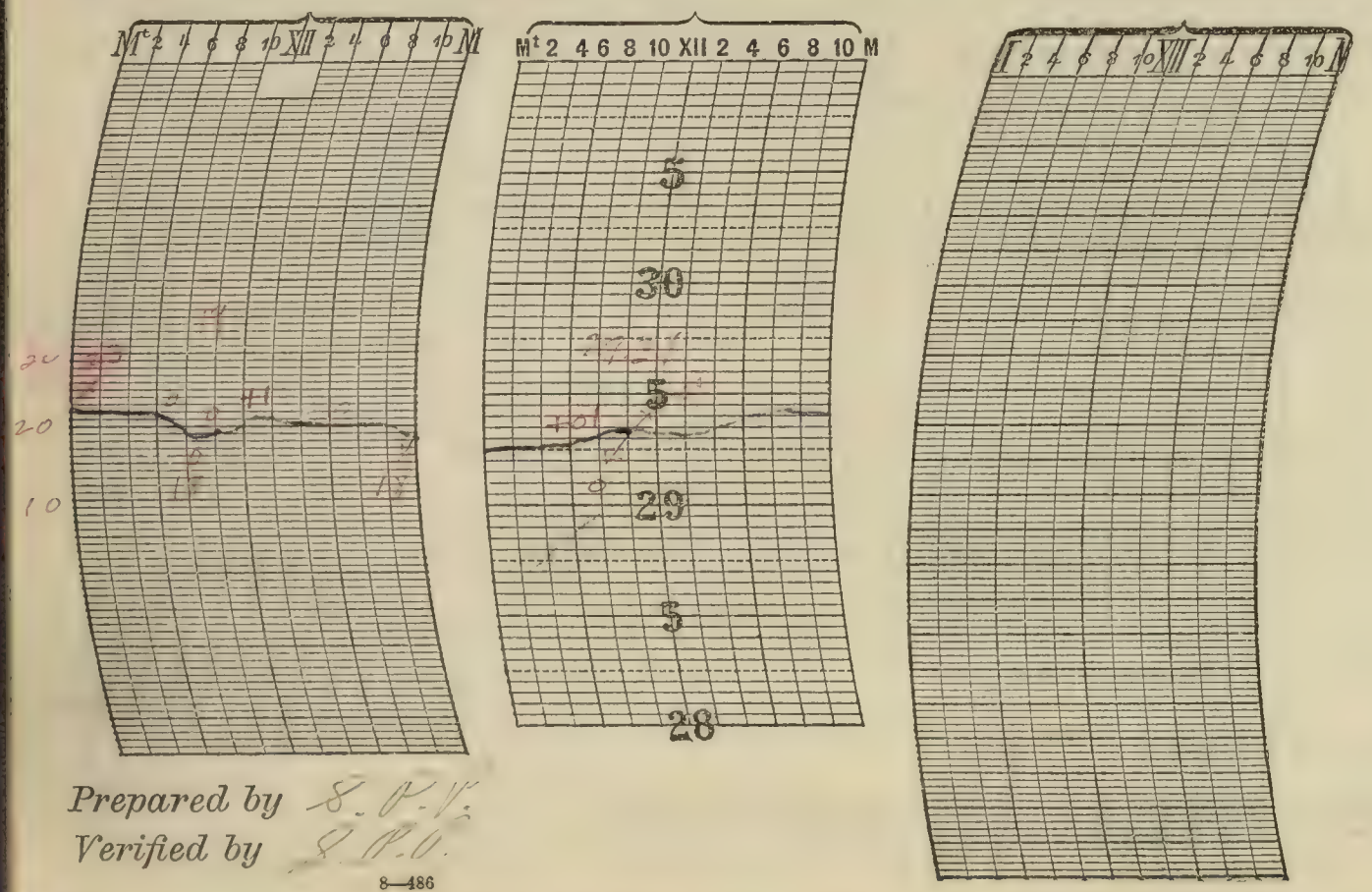
Reduced barometer, 29.89 a. m. p. m.

River gage, river frozen over 16.5 inches

Maximum velocities (exceeding 25 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

NOTES.



Prepared by S. P. V.

Verified by S. P. O.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) JAN 30 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	18	17	15	14	12	12	11	11	12	14	17	21	22	23	24	24	23	23	22	20	18	[illegible]	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending												Sn 11:04		Sn 1:08										
Amounts of precipitation												← T →												
Cloudiness and other conditions		Moon visible			Clear					PC			Cloudy								Moon visible, cloudy.			
Sunrise: Time, 7:09; Character, Clear																								
Sunset: Time, 5:10; Character, Cloudy																								
Sunshine (in tenths of hours)								.85 0	* 0.5	0.5	1.0	1.0	1.0	1.0	0.2	0.2	0	0						
Wind direction	W	W	W	W	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W
Wind movement	7	8	9	8	8	6	7	6	6	10	11	9	12	12	11	12	12	10	9	7	7	7	6	5
Maximum velocity (preceding 10 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
Temperature	24	11		

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, PT Cldy; Moon phase,

Average daily cloudiness (0-10) 6

Actual sunshine, hours, 6.2

Possible sunshine, hours, 10.0

Percentage of possible sunshine, 62

Prevailing direction W. & T & Northwest

Total movement, 205

Average hourly velocity, 8.5

Maximum velocity,	Direction,	Time.
14	NW	3:06 pm
15	NW	3:05 pm

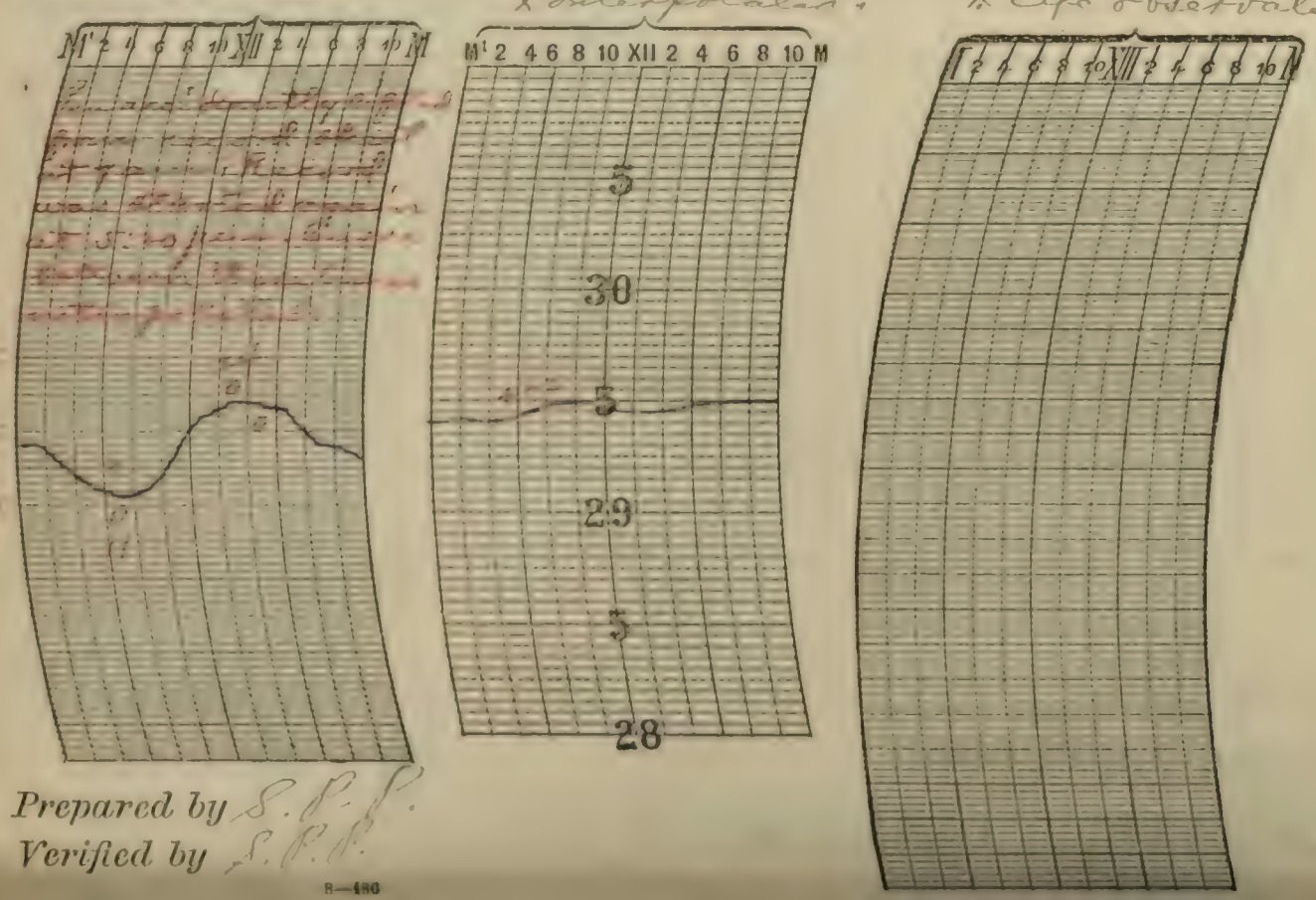
Extreme vel.

Relative humidity, 87 a. m. p. m.

Reduced barometer, 30.07 a. m. p. m.

River gage, No river gage

x Interpolated. ·X· Eye observation.



NOTES.

Prepared by S. P. S.
Verified by S. P. S.

8—186

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday (Date) JAN 31 1912, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	15	14	13	13	12	12	11	10	12	15	19	23
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		Moon visible				Clear					P.C.	
Sunrise: Time, Character	7:08 Clear											
Sunshine (in tenths of hours)								.87 0	1.0	0.7	0.7	0.4
Wind direction	W	W	W	W	W	W	W	W	SW	SW	SW	SW
Wind movement	6	6	6	6	7	3	4	6	7	7	7	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	29	29	27	27	27	28	28	31	31	26	21
State of weather: Nature of precipitation and time of beginning and ending				Snow B 3:30				R+Snow B	Snow 5:05 Snow B 5:05			
Amounts of precipitation				←	T		X			.01		
Cloudiness and other conditions				Cloudy								
Sunset: Time, Character									5:12 Cloudy			
Sunshine (in tenths of hours)	0.2	0.6	0.3	0	0	0						
Wind direction	SW	SW	SW	SW	S	S	S	S	SW	SW	W	W
Wind movement	8	10	11	12	8	6	5	5	5	8	14	13

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum.	Minimum.	Mean.	Normal.
31	10	20	22

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., T inches. * Estimated.

Total snowfall, midnight to midnight, 0.1 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, 0.1 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 7

Actual sunshine, hours, 5.0

Possible sunshine, hours, 10.1

Percentage of possible sunshine, 50

Prevailing direction Southwest & West

Total movement, 180

Average hourly velocity, 7.5

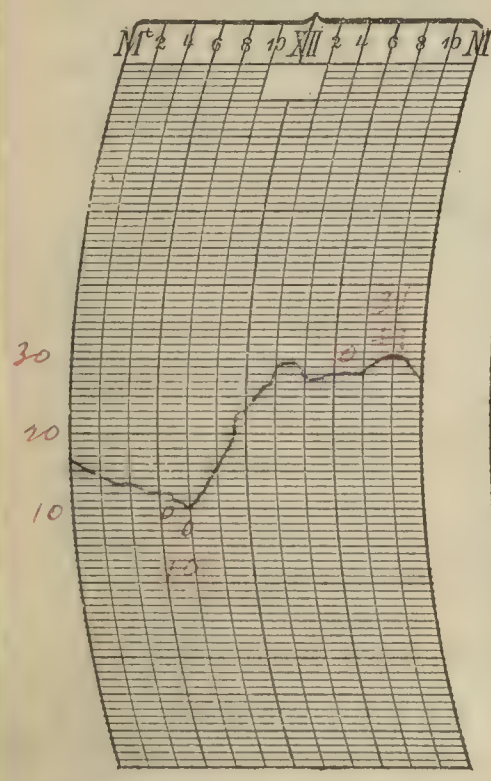
Maximum velocity,	Direction,	Time.
17	W	11:09 p.m.
Extreme vel., 18	W	11:07 p.m.

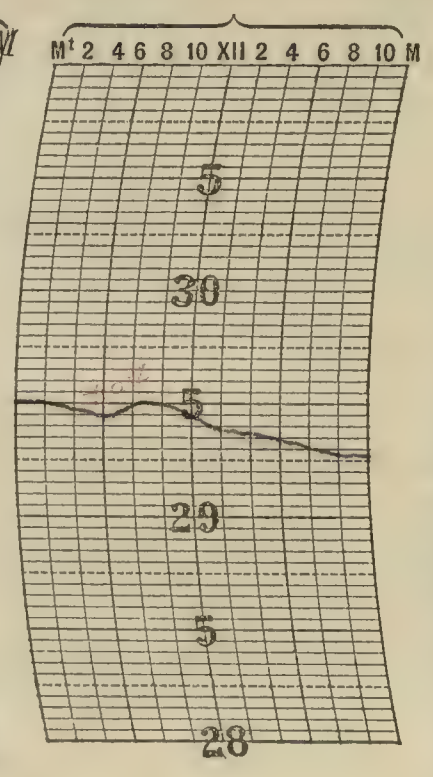
Relative humidity, 94 a. m. ____ p. m.

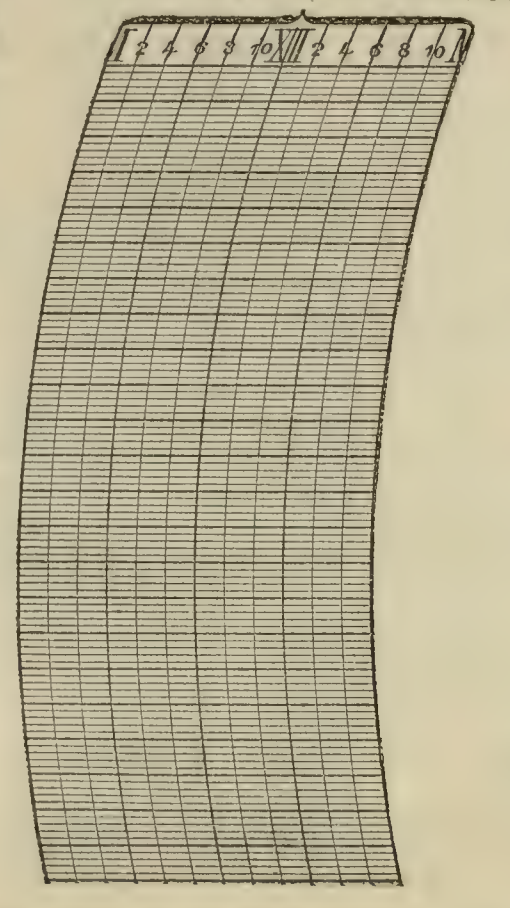
Reduced barometer, 30.09 a. m. ____ p. m.

River gage, River frozen.

X Eye observation.







NOTES.

Prepared by S. P. P.
Verified by S. P. P.

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) FEB 1 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	26	24	23	22	21					22	24
State of weather: Nature of precipitation and time of beginning and ending	R+S		w E D 5d B D	Ua								
Amounts of precipitation			.01				*					
Cloudiness and other conditions								Cloudy				
Sunrise: Time, Character, 7:17 Cloudy												
Sunshine (in tenths of hours)								0	0	x 0.6	x 0.7	x 0.8
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	12	11	15	13	12	15	15	14	15	18	17	17

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	25	24	23	22	21	19	18	16	13		
State of weather: Nature of precipitation and time of beginning and ending									5d E D Up			
Amounts of precipitation		.04						*				
Cloudiness and other conditions												
Sunset: Time, Character, 5:13 Cloudy												
Sunshine (in tenths of hours)	0.4	0	0.2	0	0	0						
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	15	17	17	16	15	16	17	17	16	16	15	13

Maximum velocity (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
28	12		

Total depth of snow for 24 hours ending 7 p. m., 1.6 inches.

Snow on ground 7 p. m., 1.6 inches.

Total snowfall, midnight to midnight, 1.5 inches.

Precipitation to 7 a. m., .02 ins.; to 7 p. m., .04 ins.

Total precipitation, midnight to midnight, .05 inches.

Character of day, Moon phase,

Average daily cloudiness (0-10)

Actual sunshine, hours, 2.7

Possible sunshine, hours, 10.1

Percentage of possible sunshine,

Prevailing direction

Total movement, 374

Average hourly velocity, 15.6

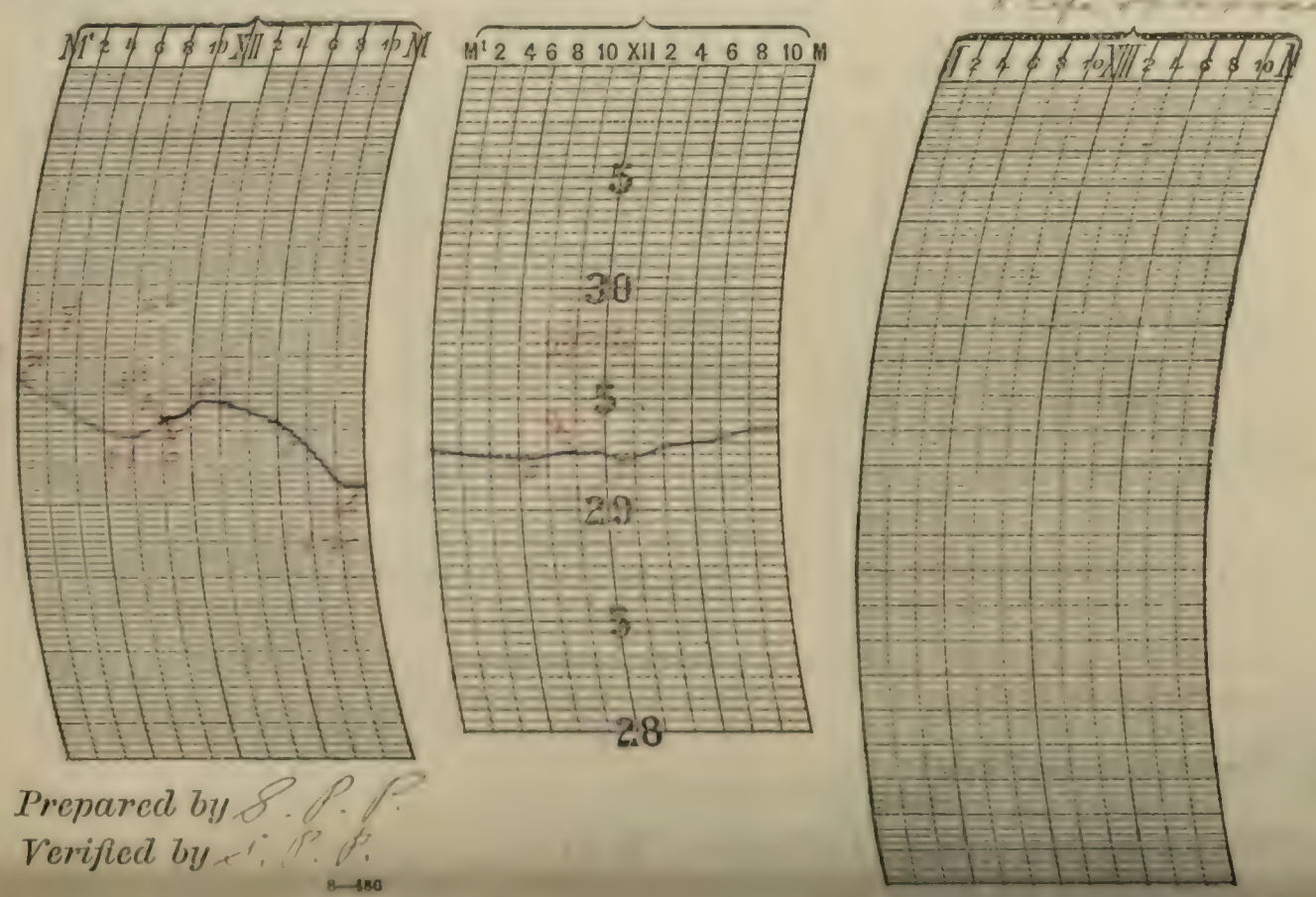
Maximum velocity.	Direction.	Time.
34	NW	

Relative humidity, a. m. p. m.

Reduced barometer, a. m. p. m.

River gage,

NOTES.



Prepared by S. P. S.

Verified by

8—480

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) FEB 2 1912, 191

Time (local standard), 90th mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	12	11	8	8	6	3	1	-2	-2	-1	1	2	3	5	5	6	5	4	4	3	3	2	0	-1
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Moon visible at intervals			Cloudy				Clear					x Hazy							x Cloudy	Moon visible			
Sunrise: Time, Character	7:06 Clear																				Sunset: Time, Character	5:14 Clear		
Sunshine (in tenths of hours)								.90 0	0.1 0.9				1.0	1.0	1.0	x 1.0	1.0 0	.23 0						
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	15	14	12	12	15	11	9	9	13	13	13	11	12	12	12	10	9	7	6	5	4	6	4	3
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
12	-2	5	-

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 1.5 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, 0 5:55 pm

Average daily cloudiness (0-10) 2

Actual sunshine, hours, 10.1

Possible sunshine, hours, 10.1

Percentage of possible sunshine, 100

Prevailing direction West

Total movement, 237

Average hourly velocity, 9.9

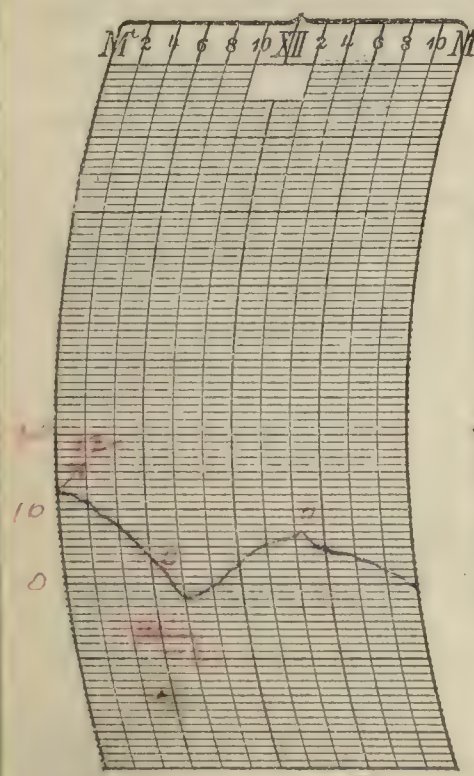
Maximum velocity,	Direction,	Time.
18	W	1:13 a
Extreme vel., 19	W	1:12 a.

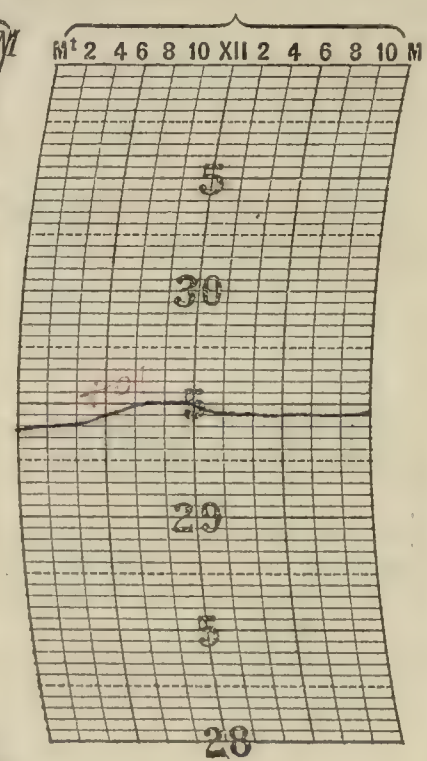
Relative humidity, 84 a. m. ____ p. m.

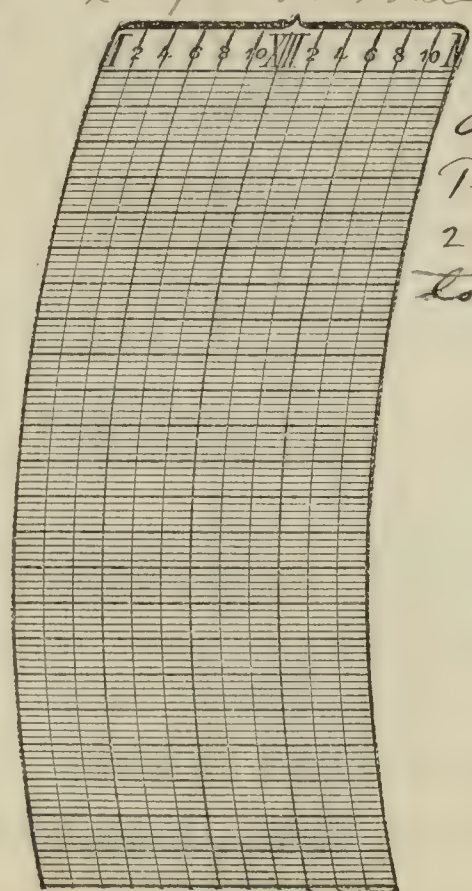
Reduced barometer, 30.08 a. m. ____ p. m.

River gage, —

x Eye observation.







NOTES.

Lunar halo observed at 10 pm.

A cold wave occurred this date. The greatest 24 hr. fall was 23° — from 21° at 9 am on the 1st to -2° at 9 am today.

Prepared by S. P. P.

Verified by S. V.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

LA SALLE, ILL. (Station), (Day of week) Saturday, (Date) FEB 3 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	-2	-2	-3	-3	-3	-3	-2	-2	-1	0	1	2
State of weather: Nature of precipitation and time of beginning and ending			5 & B Sua								5 & 10:05	
Amounts of precipitation							T					
Cloudiness and other conditions						Clear day						
Sunrise: Time, Character,	7:05 Cloudy											
Sunshine (in tenths of hours)								0	0	x 0.2	x 1.0	1.0
Wind direction	NE	NE	E	NE	NE	NE	NE	NE	NE	N	N	N
Wind movement	5	8	6	8	7	7	7	9	7	11	10	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	1	2	2	0	-2	-2	-3	-4	-6	-7	-7	-7
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Partly clear								Moon visible			
Sunset: Time, Character,									5:16 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.4 0.6	.27 0						
Wind direction	NW	NW	NW	NW	NW	NW	NW	N	N	N	N	N
Wind movement	17	17	16	17	17	13	12	15	15	15	12	13

Maximum	3
Minimum	-7
Mean	-2
Normal	
Total depth of snow for 24 hours ending 7 p. m.	T inches.
Snow on ground 7 p. m.,	1.4 inches.
Total snowfall, midnight to midnight,	T inches.
Precipitation to 7 a. m.,	T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight,	T inches.
Character of day,	Partly cloudy Moon phase.
Average daily cloudiness (0-10)	6
Actual sunshine, hours,	7.5
Possible sunshine, hours,	[illegible]
Percentage of possible sunshine,	74
Prevailing direction	Northeast
Total movement,	279
Average hourly velocity,	11.6

Maximum velocity,	Direction,	Time.
22	NW	3:56 pm
Extreme velocity, 23	NW	1:52 pm

Relative humidity, 75 a. m. ____ p. m.

Reduced barometer, 28.06 a. m. ____ p. m.

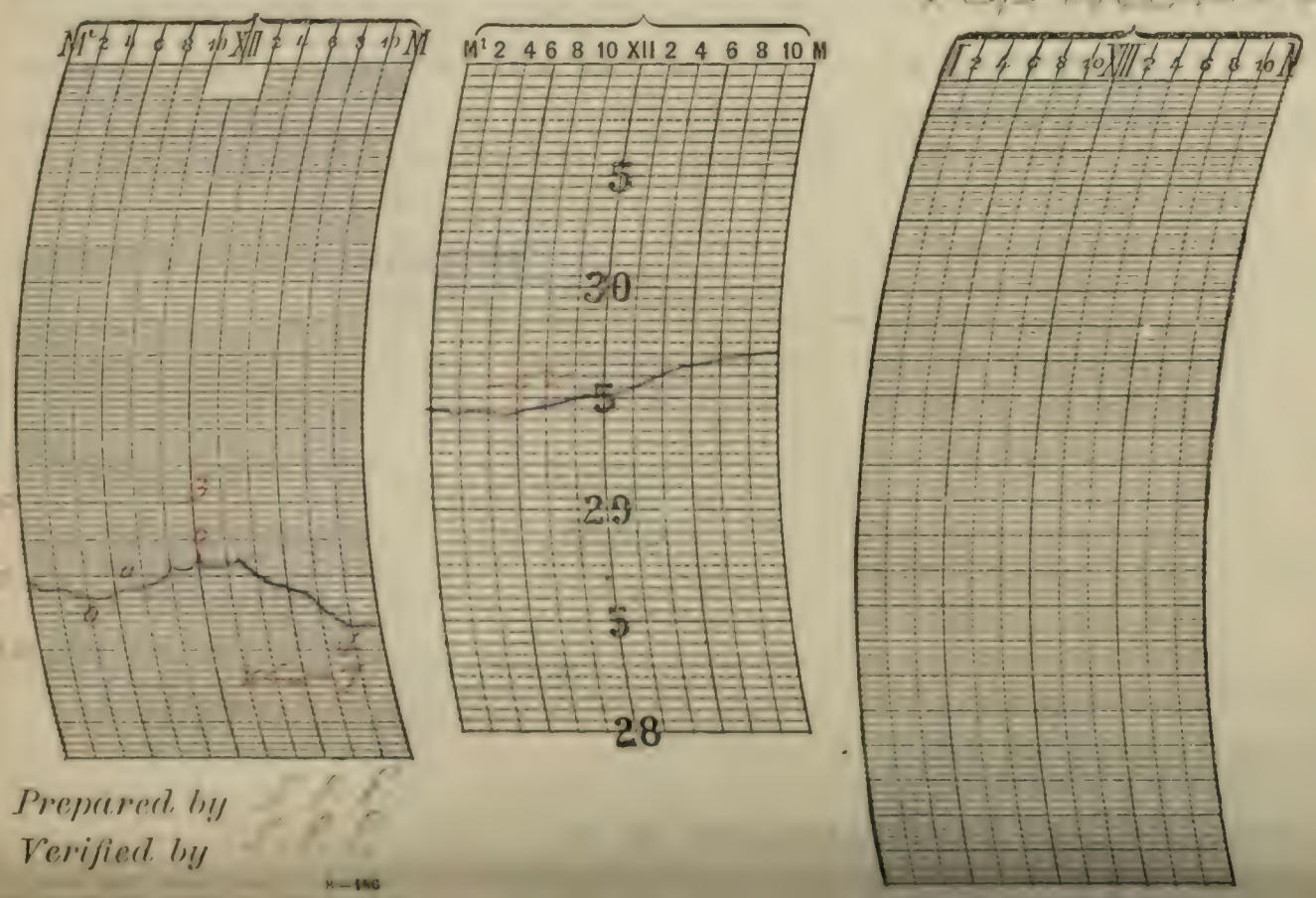
River gage, —

Excessive precipitation, accumulated amounts.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

x Sun obscured



NOTES.

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) FEB 4 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	-7	-7	-7	-7	-6	-6	-6	-4	-1	1	4	6
			0				+1					5 Sd 11:00
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												←
Cloudiness and other conditions	Moon visible				Clear						×Cc	×Cloudy
Sunrise: Time, Character,	7:04 Clear											
Sunshine (in tenths of hours)								.73 0.20	1.0	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	SW	W	W	W	W
Wind movement	12	12	14	13	13	14	14	15	16	16	17	19
Maximum velocities (exceeding 20 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	7	8	9	9	10	10	9	8	6	5	3	3
						0	+1					
							5 Sc 6:10					
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation				T								
Cloudiness and other conditions							×Clear			Moon visible		
Sunset: Time, Character,										5:17 Cloudy		
Sunshine (in tenths of hours)	1.0	0.6	0.3	0	0	0						
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	17	19	16	16	13	12	8	8	8	6	7	7
Maximum velocities (exceeding 20 miles) direction and time		1:15 SW 25										

Maximum.	Minimum.	Mean.	Normal.
10	-7	2	-3

Total depth of snow for 24 hours ending 7 p. m., 0.2 inches.

Snow on ground 7 p. m., 1.6 inches.

Total snowfall, midnight to midnight, 0.2 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cdy Moon phase,

Average daily cloudiness (0-10) 7

Actual sunshine, hours, 6.8

Possible sunshine, hours, 10.2

Percentage of possible sunshine, 67

Prevailing direction West

Total movement, 312

Average hourly velocity, 13.0

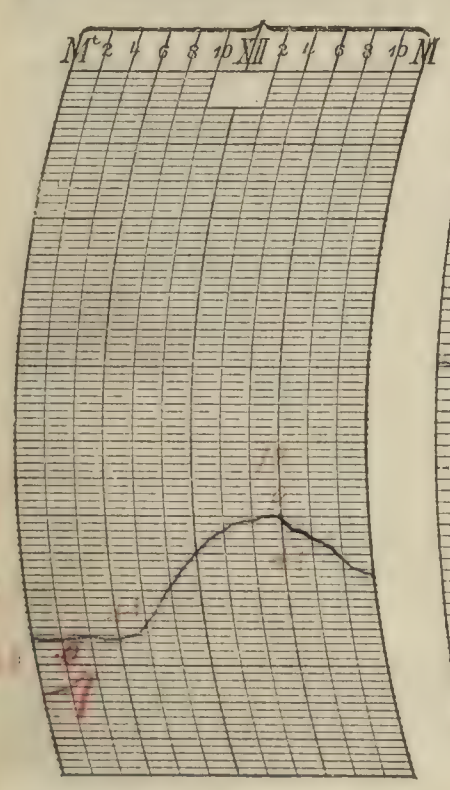
Maximum velocity,	Direction,	Time.
25	SW	1:06 pm
Extreme vel. 27	SW	1:12 pm

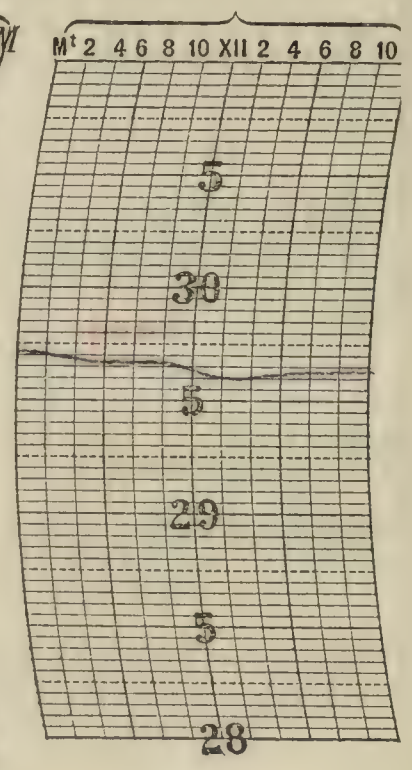
Relative humidity, 8 a. m. ____ p. m.

Reduced barometer, 30.30 a. m. ____ p. m.

River gage

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.





Prepared by S. O. P.
Verified by S. O. P.

8—486

At 5:45 a.m. a very beautiful lunar halo was observed. The sky was perfectly clear and the moon was about 35 degrees above the western horizon. A colorless halo about 22 degrees in radius surrounded the moon. About ~~18~~ 24 degrees above this halo, there was a brilliantly colored arc with its convex side toward the moon. This arc was probably 15 degrees in length. A white horizontal circle passed through the moon and extended around the sky to points about 150 degrees on each side of the moon. At the intersections of this circle with the halo whose radius was 22 degrees there were brilliantly colored parselenae. All these phenomena were clearly visible until about 6:15 a.m., when they began to disappear on account of the increasing light of the sun. The parselenae were visible, however, until 6:45 a.m.

At sunrise, 7:04 a.m., brightly colored parhelia were observed. A halo gradually formed with the increasing altitude of the sun, and at 9:30 a.m. the following phenomena were visible: A colorless halo, 22 degrees in radius, surrounded the sun. About ~~18~~ 24 degrees above this was a brilliantly colored arc about 20 degrees in length with its convex side toward the sun. A white horizontal circle passed through the sun and extended about 165 degrees on each side of it. At the intersections of this circle with the halo whose radius was 22 degrees were the brightly colored parhelia. No antisun was visible, but whitish sun-dogs were visible on the horizontal circle about 158 degrees on each side of the sun. Clouds began to form at 10 a.m. and these phenomena began to disappear, and at 10:30 a.m. they were no longer visible.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Monday, (Date) FEB 5 1912, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	3	4	4	2	1	2	3	6	7	10	11	12
State of weather: Nature of precipitation and time of beginning and ending								S B 7:15				
Amounts of precipitation								←		T		→
Cloudiness and other conditions									Cloudy			
Sunrise: Time, 7:03 Character, Cloudy												
Sunshine (in tenths of hours)								0	0	0.8	1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	6	8	8	4	6	5	5	8	8	9	10	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	14	15	16	16	15	13	12	12	10	13	13	13
State of weather: Nature of precipitation and time of beginning and ending	S E 12:30											
Amounts of precipitation	→											
Cloudiness and other conditions			Partly Cloudy									
Sunset: Time, 5:18 Character, Cloudy												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.8	0	0						
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	8	8	8	8	7	6	6	6	5	7	8	9

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
16	1	8	2

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 4.3 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 6.6

Possible sunshine, hours, 10.2

Percentage of possible sunshine, 65

Prevailing direction W. & E.

Total movement, 172

Average hourly velocity, 7.2

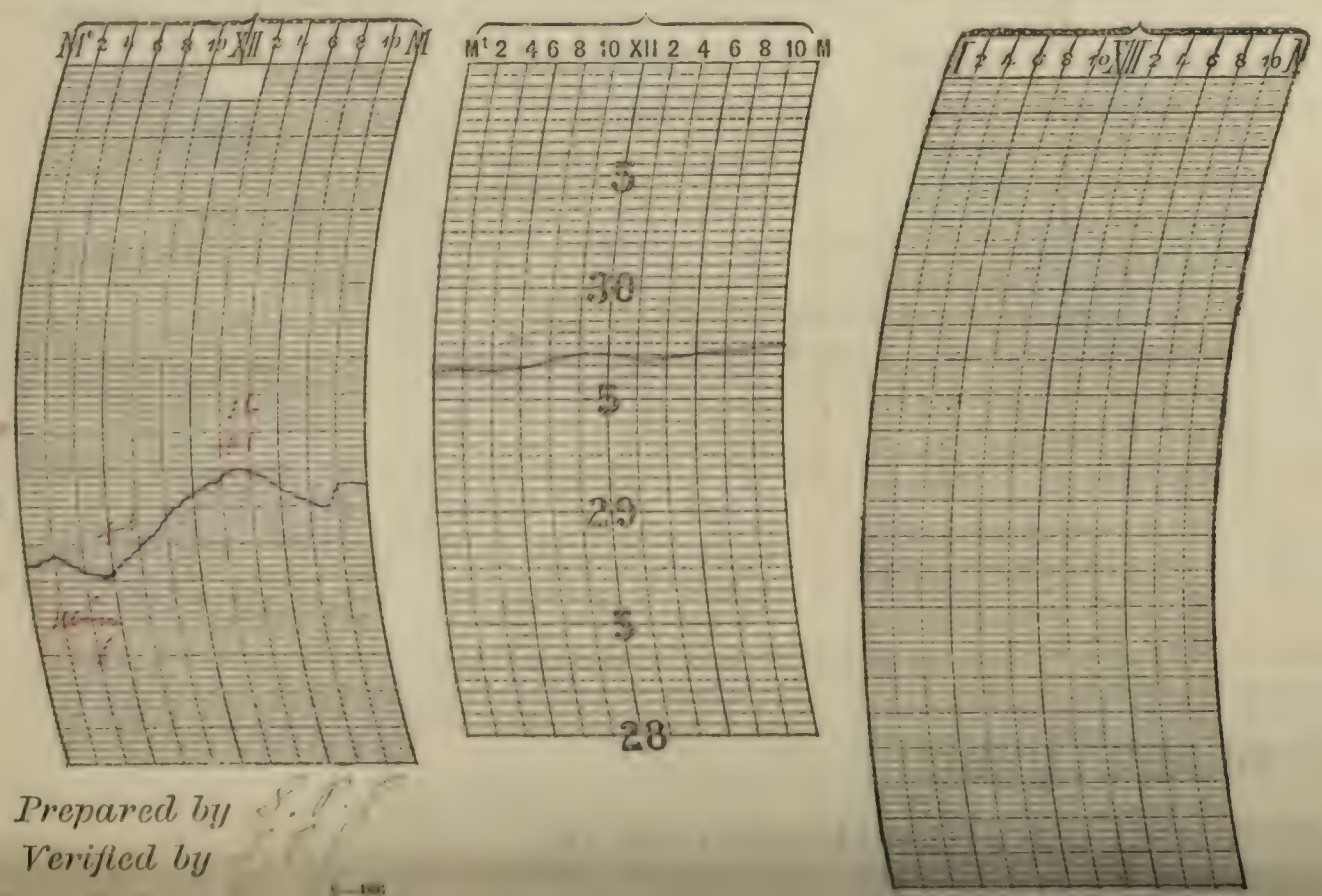
	Maximum velocity,	Direction,	Time.
Extreme vel.	11	W	10:10 am
	11-W		10:10 am

Relative humidity, 89 a. m. p. m.

Reduced barometer, 30.29 a. m. p. m.

River gage, — Ice

NOTES.



Prepared by

Verified by

Form No. 1012—Sect. I.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) FEB 6 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	12	12	12	12	13	13	13	13	13	13	14	16	17	19	20	19	19	18	18	18	17	17	[illegible]	[illegible]
			S	BD	Ua								S-E 12:20		S-B 2:18			S-E 5:10						
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation								T							T		T							
Cloudiness and other conditions									Cloudy															
Sunshine (in tenths of hours)								0	0	0	0.2	1.0	1.0	0.6	0	0	0	0						
Wind direction	W	W	W	W	W	W	W	W	SW	SW	W	SW	SW	SW	W	W	W	SW	SW	SW	SW	SW	W	SW
Wind movement	7	6	7	6	5	6	6	8	10	10	10	11	13	12	12	12	10	13	10	10	8	11	12	13
Maximum velocities (exceeding 25 miles) direction and time																								

Sunrise: Time, 7:02 Character, Cloudy

Sunset: Time, 5:19 Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration: From—	Total duration: To—	Total amount of precipitation.	Excessive rate: Began—	Excessive rate: Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum.	Minimum.	Mean.	Normal.
20	12	16	23

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 12 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 2.8

Possible sunshine, hours, 10.3

Percentage of possible sunshine, 27

Prevailing direction West

Total movement, 228

Average hourly velocity, 9.5

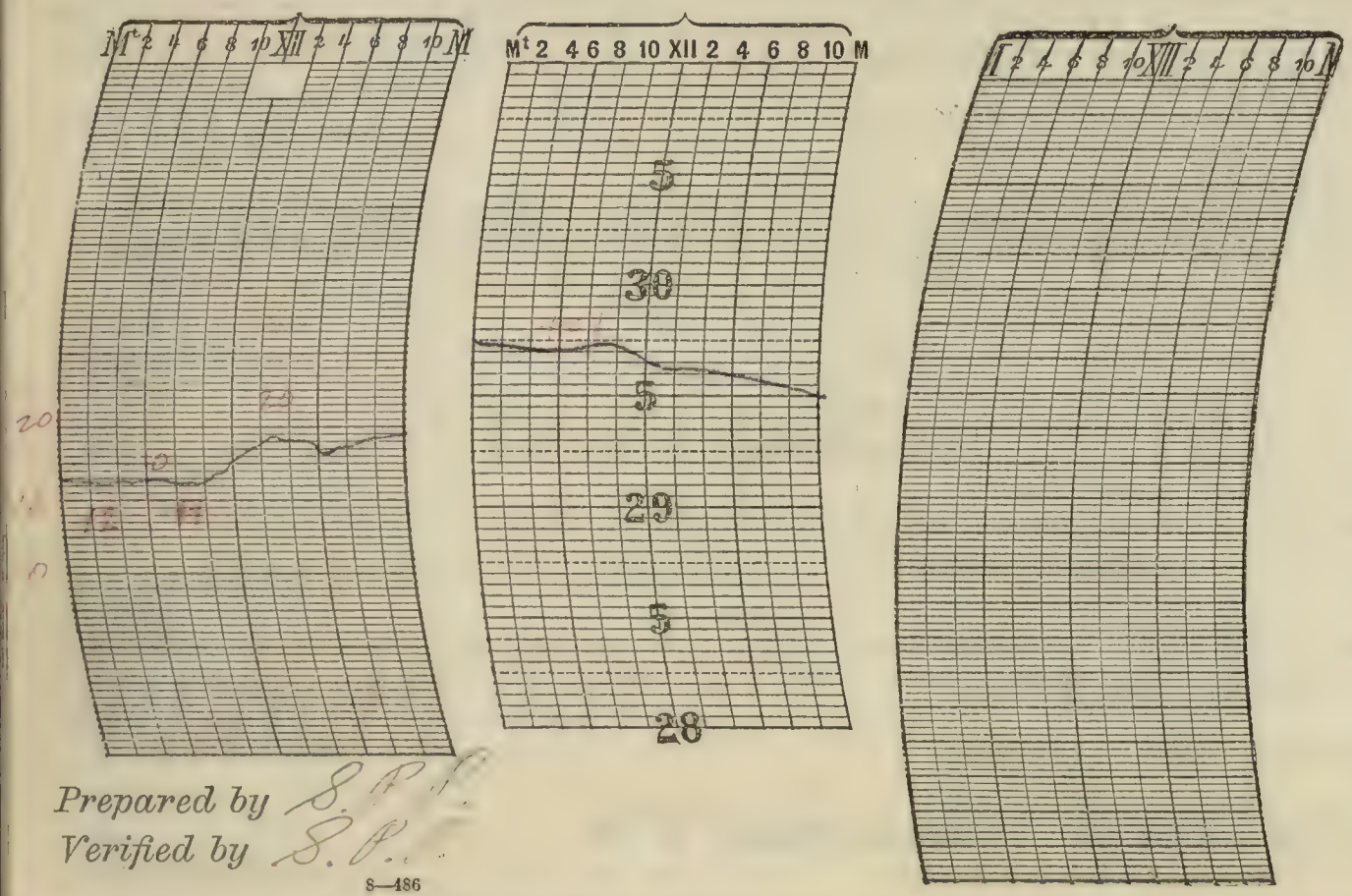
	Maximum velocity,	Direction,	Time.
	15	SW	10:24 pm
Extreme vel.	19	SW	10:06 pm

Relative humidity, 86 a. m. ____ p. m.

Reduced barometer, 30.33 a. m. ____ p. m.

River gage, ____

NOTES.



Prepared by S. P. C.

Verified by S. P.

S—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) FEB 7 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	19	20	20	20	21	21	22	23	23	17	19	20
State of weather: Nature of precipitation and time of beginning and ending		S d B d U a					S d E 6:15	S d B 7:30	S d E 8:25			
Amounts of precipitation							T		T			
Cloudiness and other conditions					Cloudy					Cloudy	Clear	
Sunrise: Time, Character,	7:00 Cloudy											
Sunshine (in tenths of hours)								0	0	0.5	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W
Wind movement	10	9	8	7	8	10	9	7	12	11	1	1
Maximum velocities (exceeding ... miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	21	21	21	20	18	16	14	11	10	9	9	9
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions										Moon visible		
Sunset: Time, Character,									5:20 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.2 .33 0.8	0						
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	12	14	14	15	12	11	9	9	11	11	12	10

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
23	9		

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0.4 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 3

Actual sunshine, hours, 7.8

Possible sunshine, hours, 10.3

Percentage of possible sunshine, 76

Prevailing direction

Total movement, 258

Average hourly velocity, 10.5

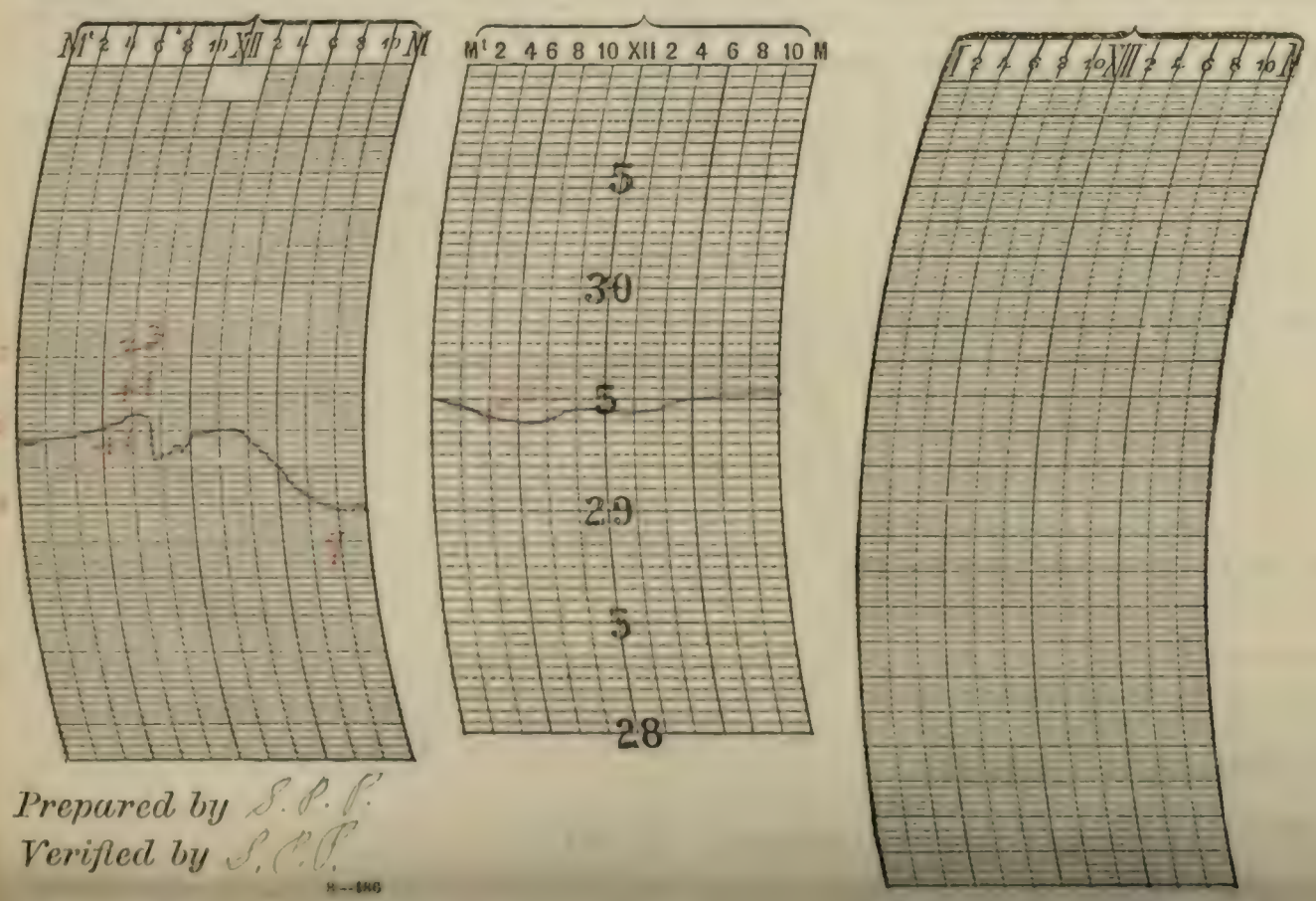
Maximum velocity,	Direction,	Time.
20	W	9:17 am
Extreme vel., 21	W	9:16 am

Relative humidity, 90 a. m. p. m.

Reduced barometer, 30.02 a. m. p. m.

River gage,

NOTES.



Prepared by S. P. S.
Verified by S. C. C.

8—186

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL, (Day of week) Thursday, (Date) FEB 8 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	9	9	8	6	5	4	2	2	3	4	6	6
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Moon visible						Clear					
Sunrise: Time, Character,	6:59 Clear											
Sunshine (in tenths of hours)							.02 0	0.9 0.1	1.0	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	12	11	11	9	8	7	8	7	11	10	10	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	8	9	9	10	9	7	5	4	4	3	2	2
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Partly				Clear							
Sunset: Time, Character,									5:22 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.3 0.7	.37 0						
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	10	13	14	14	12	9	8	8	7	9	7	9

Maximum velocities (exceeding 25 miles) direction and time

Maximum.	Minimum.	Mean.	Normal.
10	2	6	23

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0.4 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 2
Actual sunshine, hours, 10.4
Possible sunshine, hours, 10.4
Percentage of possible sunshine, 100
Prevailing direction West
Total movement, 233
Average hourly velocity, 9.7

Maximum velocity,	Direction,	Time.
16	W	2:40 pm
19	W	3:03 pm

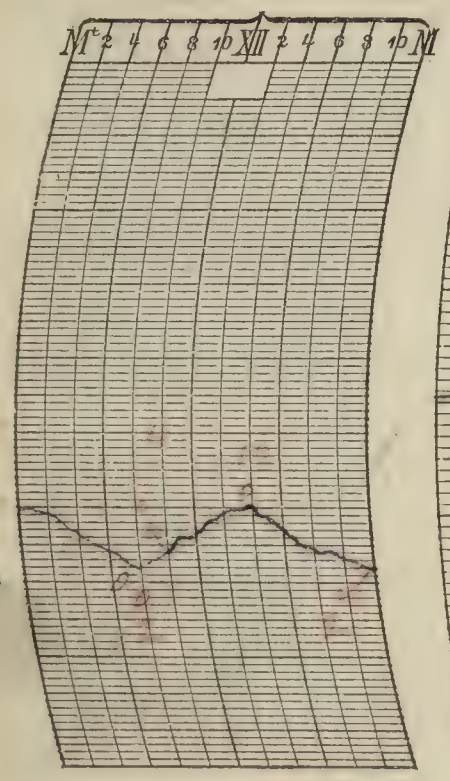
Relative humidity, 85 a. m. ____ p. m.
Reduced barometer, 30.24 a. m. ____ p. m.
River gage, —

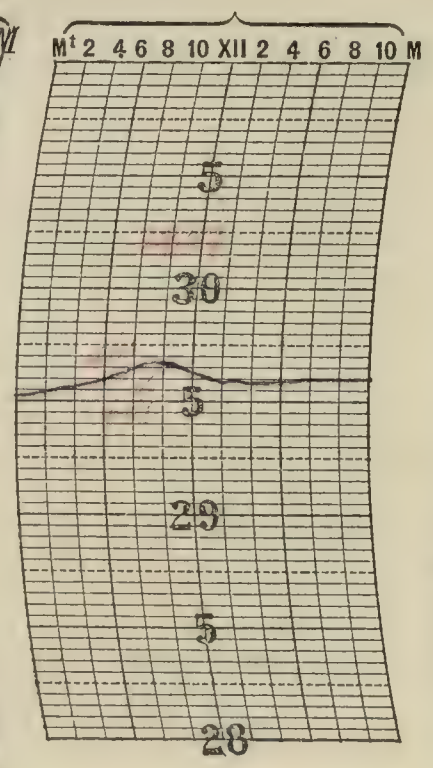
Excessive precipitation, accumulated amounts

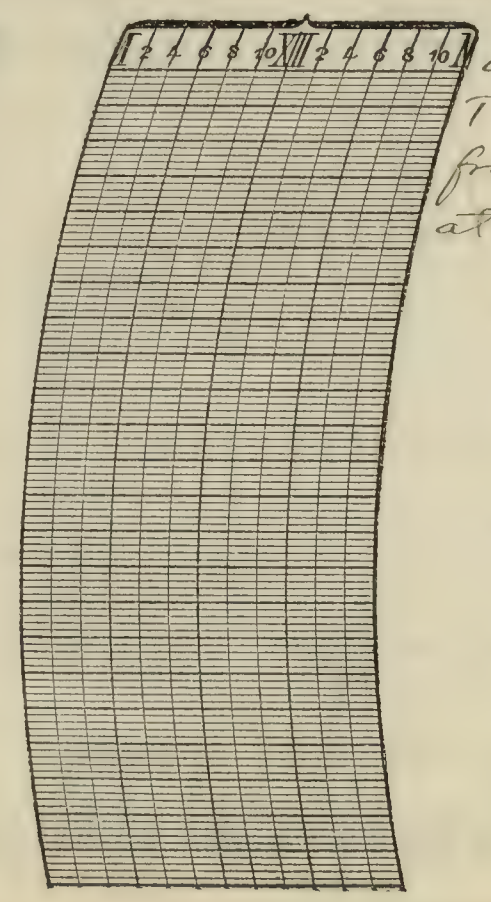
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Extreme rates







NOTES.

A cold wave occurred this date. The greatest 24 hr. fall was 21° — from 23° at 8 am on the 7th to 2° at 8 am ~~today~~.

Prepared by S. P. C.
Verified by S. P. P.

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) FEB 9 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	1	1	0	-1	-2	-3	-3	-2	0	2	3	6
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunrise: Time, 6:58 Character, Clear												
Sunshine (in tenths of hours)							0	0.2	1.0	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	8	7	6	6	5	6	5	5	9	8	8	7
Maximum velocity (exceeding 1.5 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	8	8	9	9	7	5	4	3	2	2	1	0
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunset: Time, 5:23 Character, Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.2	0						
Wind direction	W	W	W	W	W	W	W	N	N	N	N	N
Wind movement	8	9	9	9	8	8	6	5	3	3	2	3
Maximum velocity (exceeding 1.5 miles) direction and time												

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
9	-3	3	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0.4 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, C

Average daily cloudiness (0-10) 0

Actual sunshine, hours, 10.4

Possible sunshine, hours, 10.4

Percentage of possible sunshine 100

Prevailing direction Northwest

Total movement, 153

Average hourly velocity, 6.4

Maximum velocity, 12 Direction, NW Time. 1:39 pm

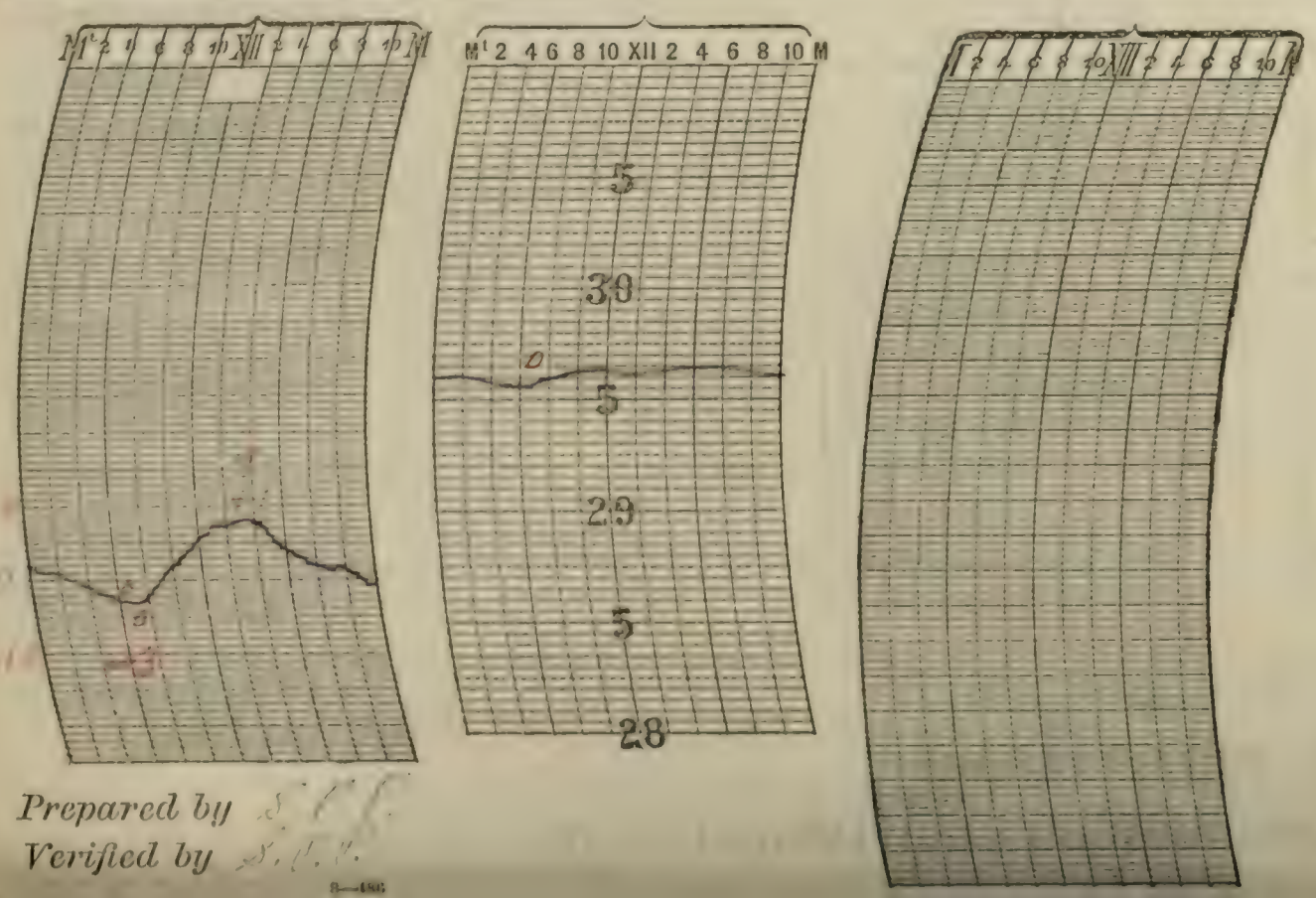
Extreme vel., 12 NW 1:39

Relative humidity, 85 a. m. p. m.

Reduced barometer, 30.19 a. m. p. m.

River gage,

NOTES.



Prepared by S. C. F.

Verified by S. C. F.

8—186

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) FEB 10 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	-1	-2	-2 (+1)	-2	-3	-3	-3 (+1)	-1	4	8	10	11	13	15	17	18	18	18	19	19	20	20	20	19
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Moon visible				Clear							Ex	Cloudy											
Sunrise: Time, Character,	6:57 Clear																				Sunset: Time, Character, 5:24 Cloudy			
Sunshine (in tenths of hours)							0.5 0	0.7 0.3	x 1.0	1.0	1.0	0.8	0.3	0.2	0	0	0	0						
Wind direction	N	NE	NE	SE	SE	SE	SE	SE	SE	S	S	S	S	S	S	S	S	S	S	S	S	S	SW	SW
Wind movement	2	1	1	2	3	3	5	3	5	10	12	12	13	13	11	10	10	8	9	7	7	8	9	6
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
20	-3	8	34

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0.3 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Partly Cloudy Moon phase,

Average daily cloudiness (0-10) 5

Actual sunshine, hours, 5.4

Possible sunshine, hours, 10.4

Percentage of possible sunshine, 52

Prevailing direction South

Total movement, 170

Average hourly velocity, 7.1

Maximum velocity,	Direction,	Time.
16	SW	12:44 pm
Extreme vel., 17	SW	12:45 pm

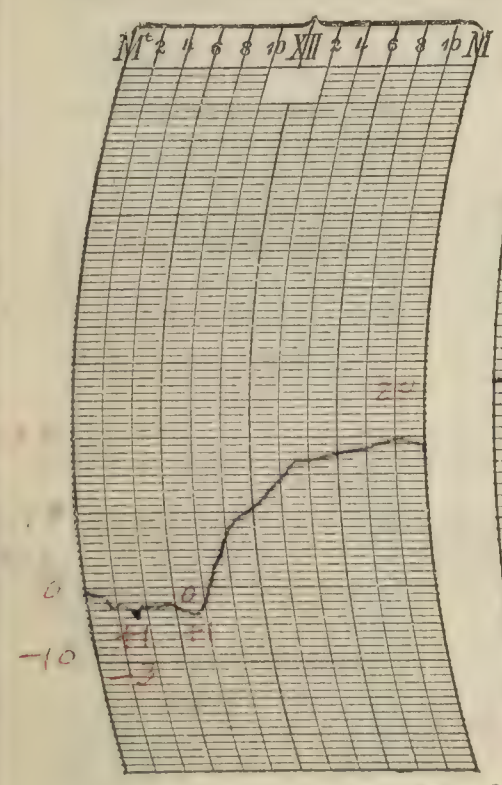
Relative humidity, 81 a. m. p. m.

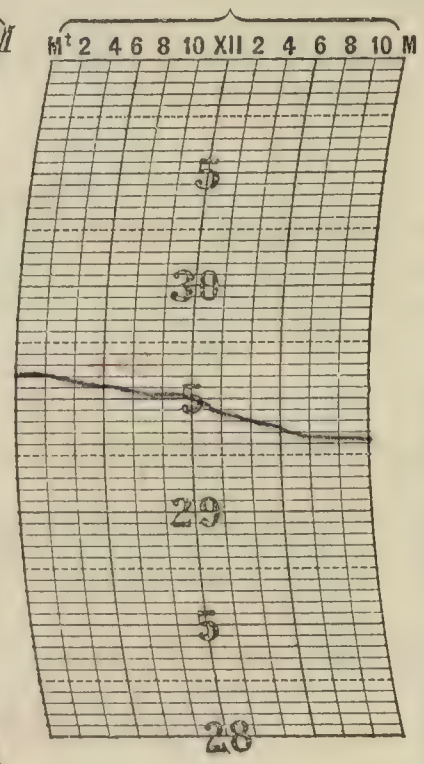
Reduced barometer, 30.20 a. m. p. m.

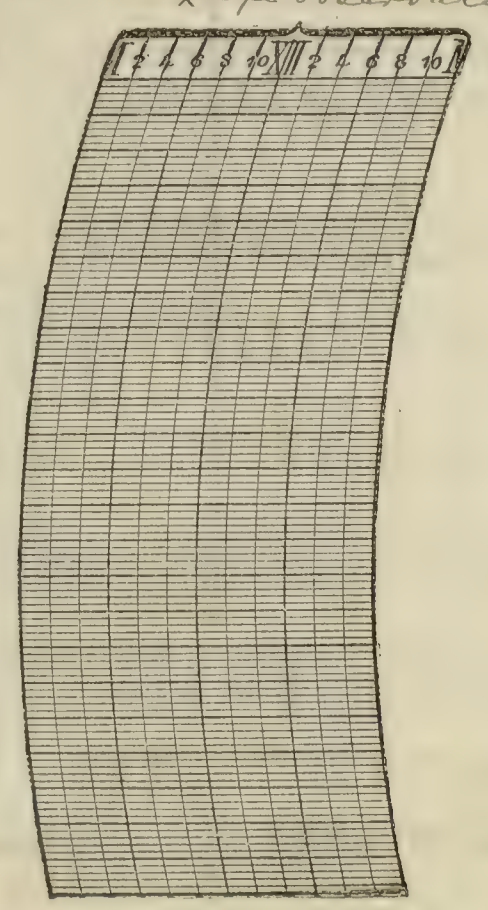
River gage,

x Eye observation.

NOTES.







Prepared by S. P. P.
Verified by S. P. P.

8—486

Form No. 1011—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) FEB 11 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	18	18	19	20	21	22	23 (+1)	24	25	26	29	32	33	33 (+1)	33	33	31	28	26	25	23	21		
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Cloudy						Clear	Cloudy									
Sunrise: Time, Character,	6:56 Cloudy																				Sunset: Time, Character,	5:25 Cloudy		
Sunshine (in tenths of hours)							0	0	0	0	0.4	0.3	0.8	0.9	0.9	0.5	0	0						
Wind direction	S	S	SE	SE	S	S	S	S	S	SW	SW	SW	W	W	W	W	W	N	N	N	N	N	W	W
Wind movement	3	3	3	4	4	5	4	3	4	5	"	5	5	7	7	8	7	11	10	10	10	9	9	10
Maximum velocity (exceeding 25 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
34	18	26	32

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 1 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 3.8

Possible sunshine, hours, 10.5

Percentage of possible sunshine, 36

Prevailing direction South

Total movement, 153

Average hourly velocity, 6.4

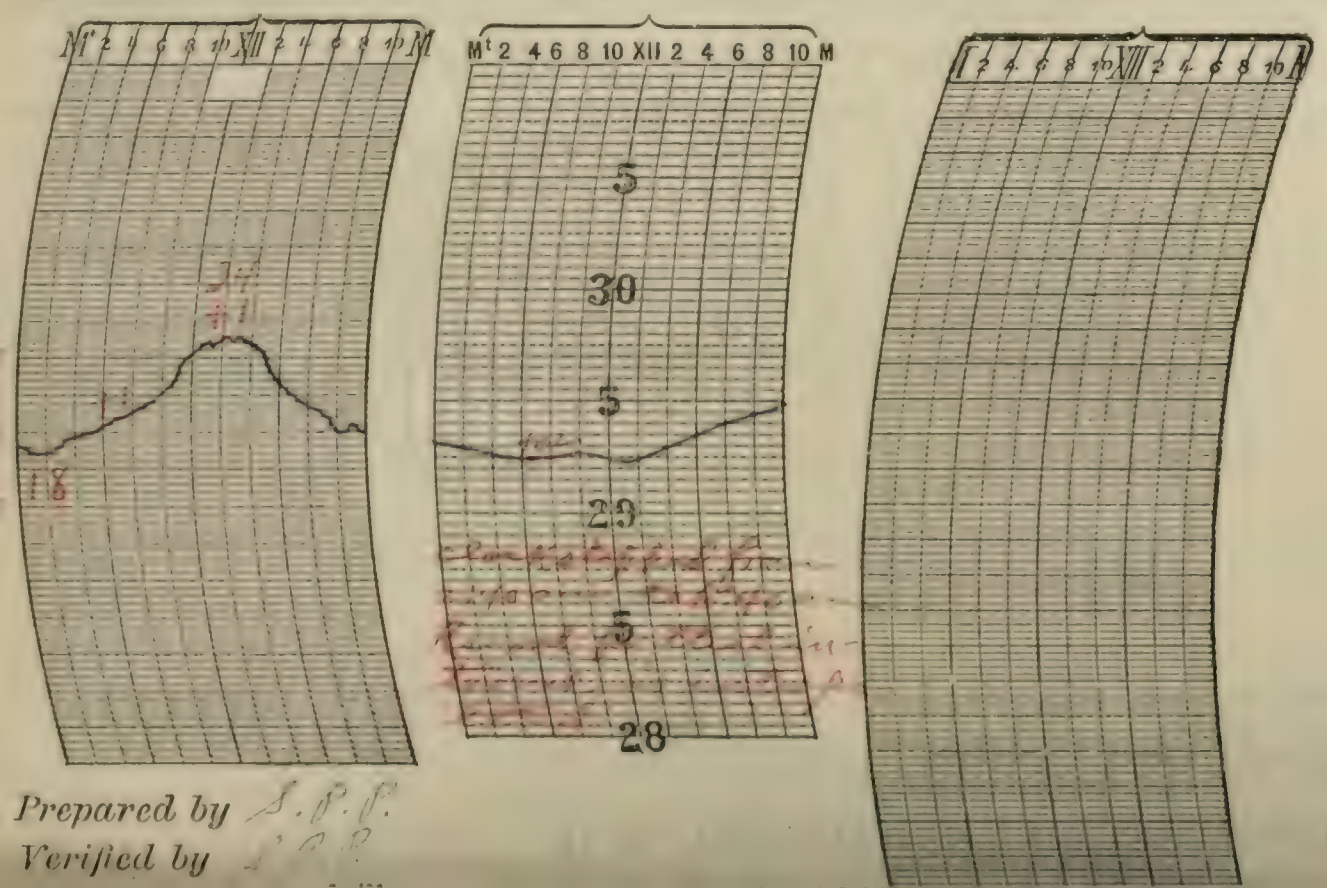
	Maximum velocity,	Direction,	Time.
	15	S	5:30 pm
	16	S	[illegible]

Relative humidity, 62 a. m. ____ p. m.

Reduced barometer, 29.86 a. m. ____ p. m.

River gage, ____

NOTES.



Prepared by A. P. C.

Verified by [illegible]

Form No. 1014—McCl.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE, ILL., (Day of week) Monday, (Date) FEB 12 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	20	19	18	17	17	16	+1 15	15	16	18	20	19	21	21	+1 21	20	19	17	15	14	12	11	10	8
				5 8 Corla							5 dr 10:35													
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation							T																	
Cloudiness and other conditions							cloudy											clear						
Sunrise: Time, Character,	6:54 Cloudy																				Sunset: Time, Character, 5:27 Clear			
Sunshine (in tenths of hours)							0	0	0	0.1	1.0	1.0	1.0	1.0	0.9	0.9	1.0 .45 0	0						
Wind direction	NE	NE	NE	NE	NE	N	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	11	10	9	10	8	8	7	6	6	9	8	8	8	9	7	8	8	9	10	7	5	6	7	6
Maximum velocities (exceeding 25 miles) direction and time																								

Maximum.	Minimum.	Mean.	Normal.
22	8	15	24

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cldy Moon phase,

Average daily cloudiness (0-10) 6

Actual sunshine, hours, 7.4

Possible sunshine, hours, 10.6

Percentage of possible sunshine, 70

Prevailing direction Northeast

Total movement, 190

Average hourly velocity, 7.9

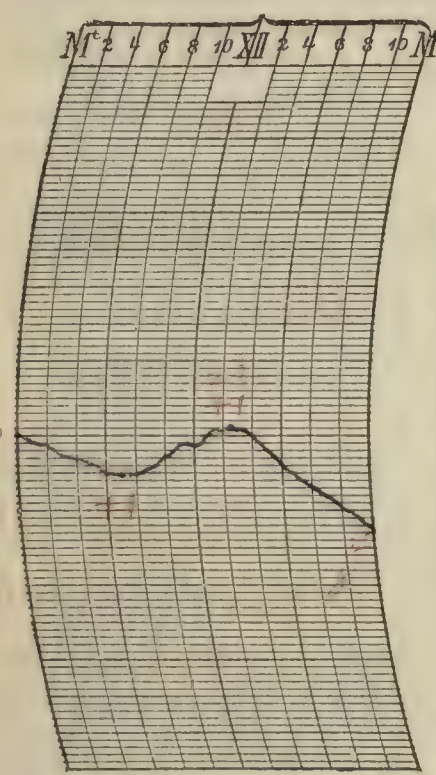
Maximum velocity,	Direction,	Time.
14	NE	12:20 am
Extreme vel., 14	NE	12:20 am

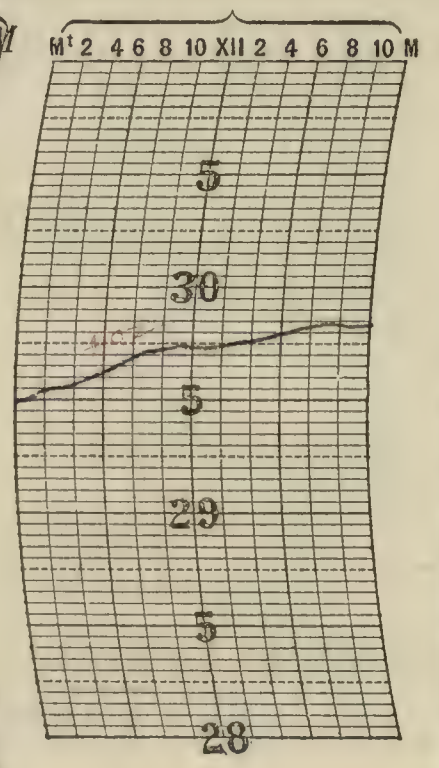
Relative humidity, 84 a. m. p. m.

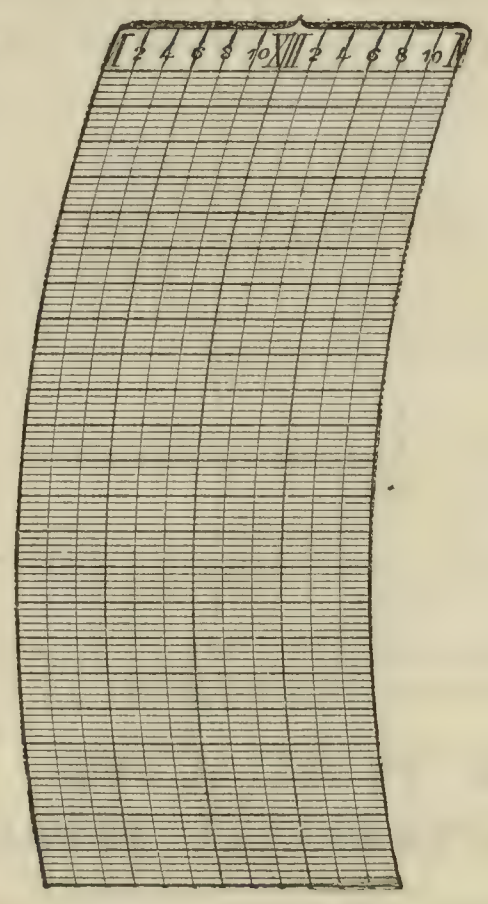
Reduced barometer, 29.75 a. m. p. m.

River gage, — Ice 19.0 inches.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.







NOTES.

Prepared by S. P. P.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) FEB 13 1912, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	9	8	7	7	5	7	6	9	12	16	19	22	25	26	26	28	28	27	25	24	24	24		
State of weather: Nature of precipitation and time of beginning and ending																			SDB 6:10					
Amounts of precipitation																					.05			
Cloudiness and other conditions	Moon visible.				Clear				Cloudy															
Sunrise: Time, Character,	6:53 Clear																				Sunset: Time, Character,	5:28 Cloudy		
Sunshine (in tenths of hours)							.12 0	0.8 0	0	0	0	0	0.6	0.2	0	0	0	0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	E	E	SE	SE	SE	SE	SE	SE	SE	SE	S	S	S	E	E	E
Wind movement	3	3	3	4	6	6	6	5	4	3	3	5	6	6	6	5	3	4	6	2	2	3	3	2
Maximum velocity (exceeding 25 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
28	5		

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.

Snow on ground 7 p. m., 0.1 inches.

Total snowfall, midnight to midnight, 0.9 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 1 ins.

Total precipitation, midnight to midnight, 1.05 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 9

Actual sunshine, hours, 1.7

Possible sunshine, hours, 10.6

Percentage of possible sunshine, 16

Prevailing direction Northeast & Southeast.

Total movement, 99

Average hourly velocity, 4.1

Maximum velocity,	Direction,	Time.
8	NE	4:32 am
Extreme vel., 8	NE	4:32 am

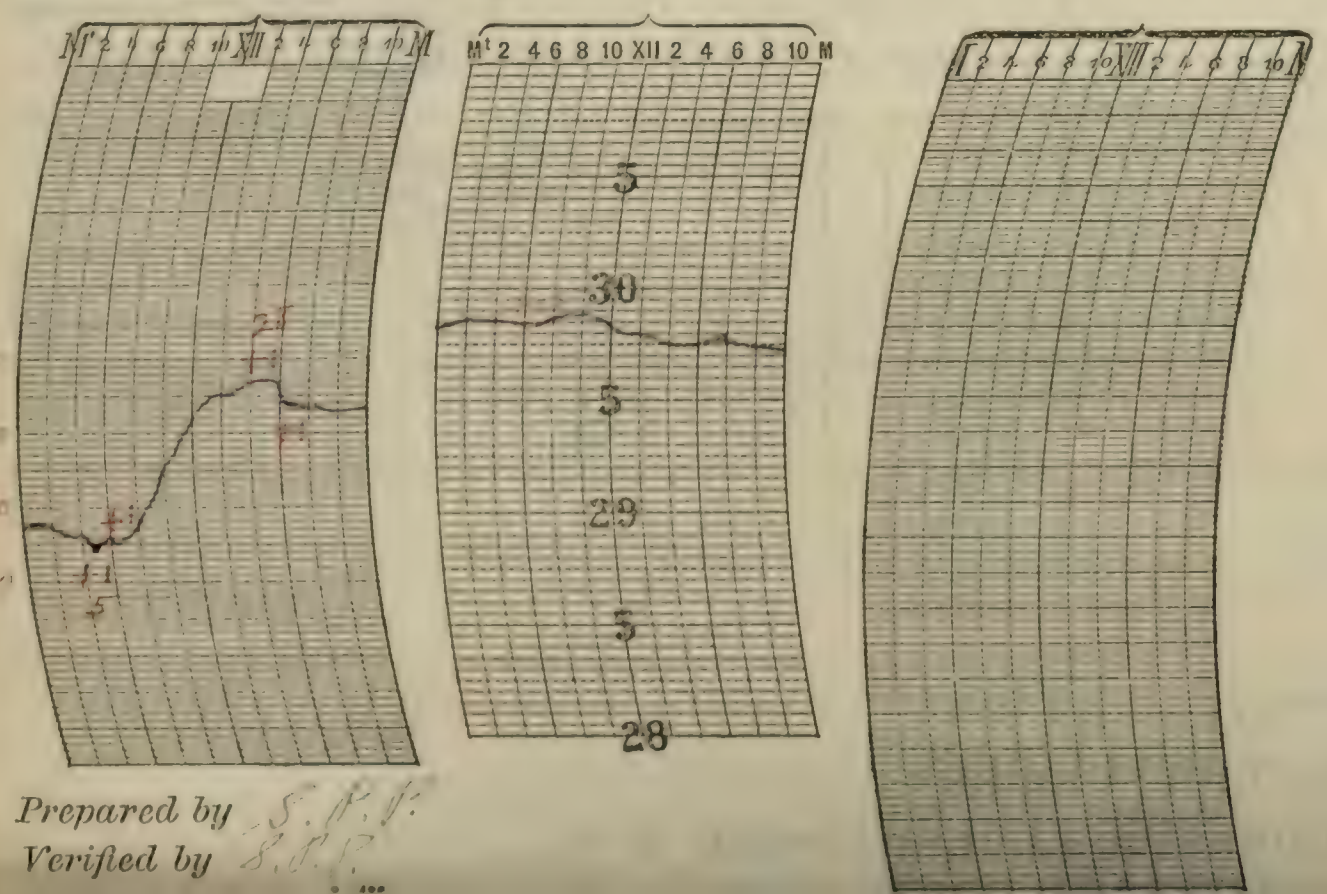
Relative humidity, 90 a. m. p. m.

Reduced barometer, 30.51 a. m. p. m.

River gage,

*Estimated.

NOTES.



Prepared by S. P. V.

Verified by S. P. V.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) FEB 14 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	24	24	24	24	24	25	25	26	27	29	31	33	33	33	33	33	33	32	32	32	32	31	31
State of weather: Nature of precipitation and time of beginning and ending			S & D		Ha																			
Amounts of precipitation			*.01																					
Cloudiness and other conditions			Lt fog							Cloudy														
Sunrise: Time, Character	6:52 Cloudy																				Sunset: Time, Character	5:29 Cloudy		
Sunshine (in tenths of hours)							0	0	0	0	0.4	0.3	0	0	0	0	0	0						
Wind direction	E	S	SW	SW	W	W	W	W	W	W	W	NW	NW	W	NW	NW	NW	NW	NW	E	E	E	SE	S
Wind movement	2	4	5	4	2	3	1	2	3	2	2	3	2	3	3	2	3	2	3	3	3	1	2	2
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
33	24	28	24

Total depth of snow for 24 hours ending 7 p. m., 0.9 inches.

Snow on ground 7 p. m., 0.6 inches.

Total snowfall, midnight to midnight, 0.1* inches.

Precipitation to 7 a. m., .06 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .01* inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0.7

Possible sunshine, hours, 10.6

Percentage of possible sunshine, 7

Prevailing direction West

Total movement, 62

Average hourly velocity, 2.6

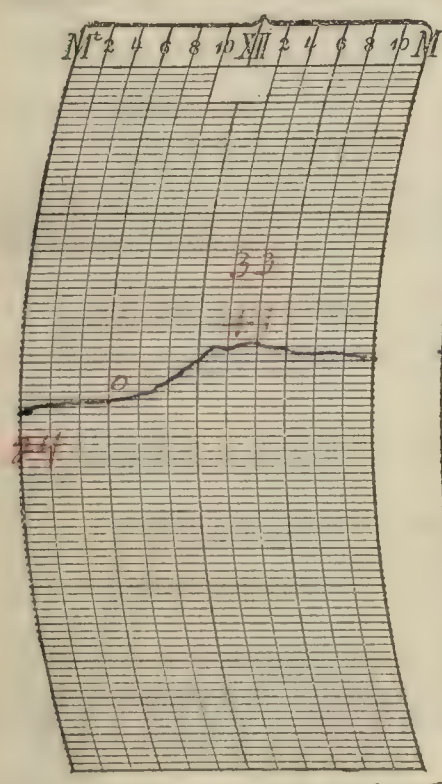
Maximum velocity,	Direction,	Time.
6	SW	1:57 a.m.
6	SW	1:57 a.m.

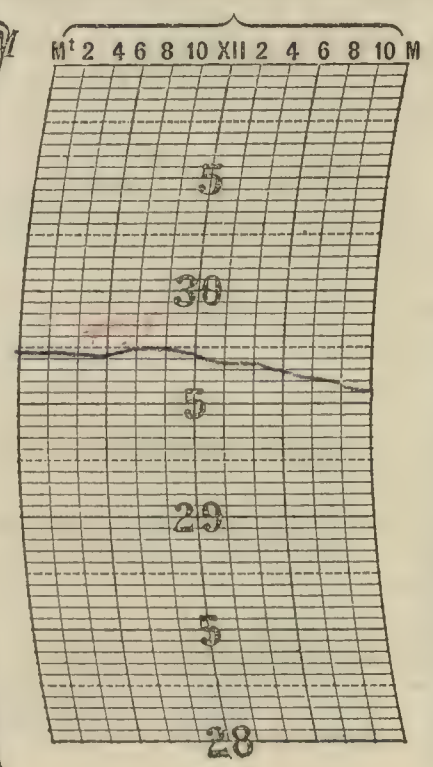
Relative humidity, 94 a. m. ____ p. m.

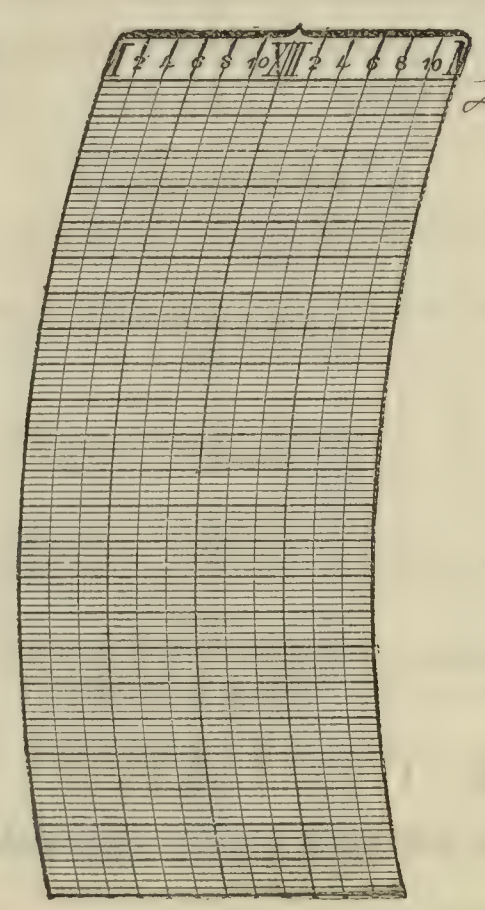
Reduced barometer, 30.38 a. m. ____ p. m.

River gage,

*Estimated.







NOTES.

Light fog formed Ha and ended at 10:00 a.m.

Prepared by S. O. P.
Verified by S. O. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) FEB 15 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	31	31	31	31	31	31	31	[illegible]	33	34	34	34	34	33	32	31	31	31	31	31	30	30	30
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Cloudy												
Sunrise: Time, 6:50 Character, Cloudy																					Sunset: Time, 5:30 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0.1	0	0	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W	W
Wind movement	2	1	2	4	5	5	5	10	7	8	10		13	13	11	10	7	8	8	6	7	9	7	7
Maximum velocity (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
34	30	—	—

Total depth of snow for 24 hours ending 7 p. m. 0 inches.

Snow on ground 7 p. m., 0.1 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, — inches.

Character of day, Cloudy; Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0.1

Possible sunshine, hours, 10.7

Percentage of possible sunshine, 1

Prevailing direction Southwest

Total movement, 181

Average hourly velocity, 7.5

Maximum velocity,	Direction,	Time.
19	SW	1:55 p. m.
19	SW	1:55 p. m.

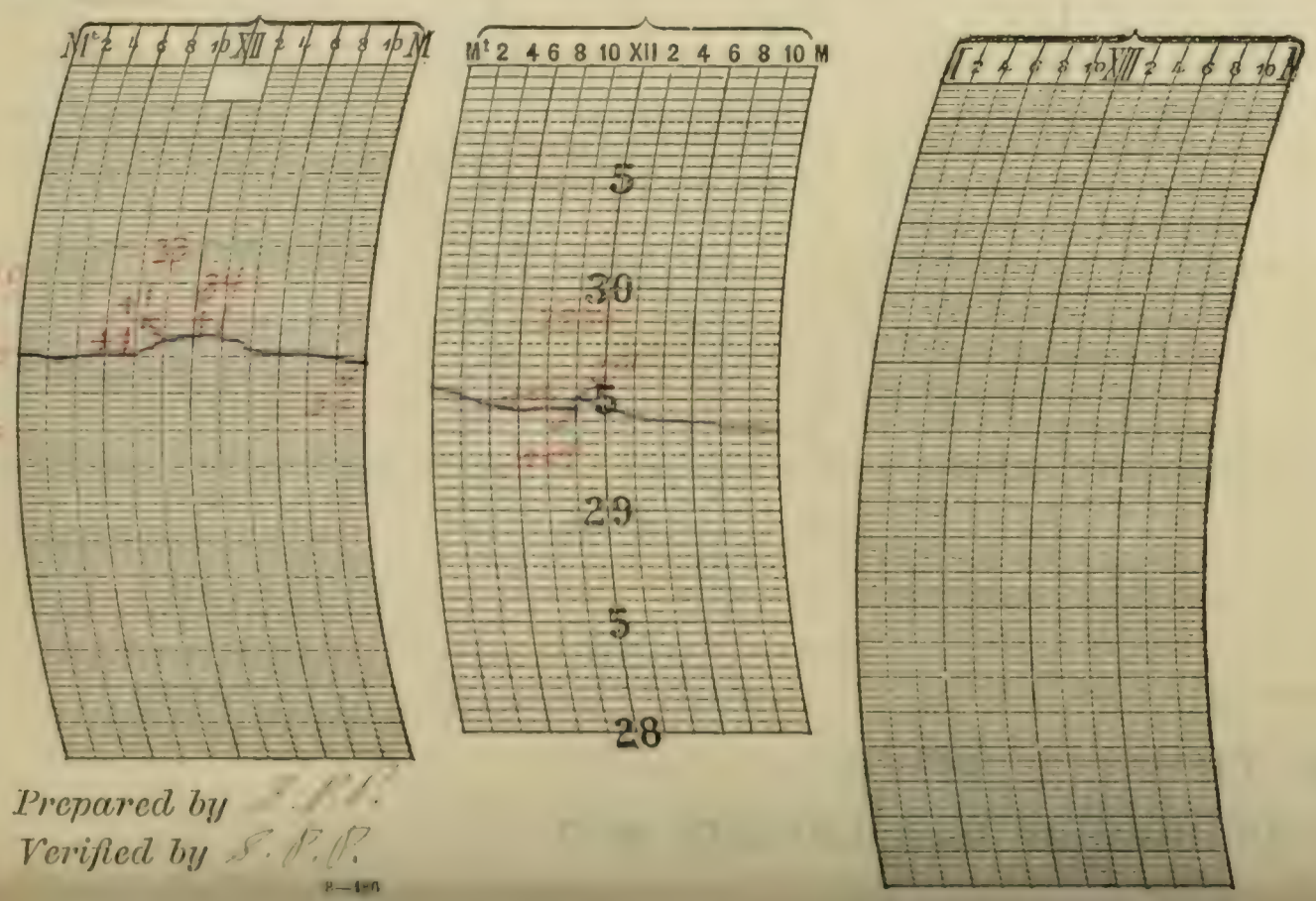
Extreme Vel.

Relative humidity, 87 a. m. — p. m.

Reduced barometer, 30.12 a. m. — p. m.

River gage, —

NOTES.



Prepared by [illegible]

Verified by [illegible]

8—1-6

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) FEB 16 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	29	29	28	28	+1 28	+1 28	28	+1 27	27	28	29
Nature of precipitation and time of beginning and ending								R B 7:15		R E 9:45		
Amounts of precipitation								←	T	→		
Cloudiness and other conditions									Fog		Cloudy	
Sunrise: Time, Character,	6:49 Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	W	W	W	W	W	W	W	SW	SW	SW	SW	SW
Wind movement	8	5	6	4	4	3	3	3	5	4	4	6

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	31	+1 32	32	32	31	31	30	30	30	29	29
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, Character,									5:31 Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	SW	SW	SW	SW	SW	S	SW	S	S	S	S	S
Wind movement	6	7	4	6	5	6	6	6	8	6	6	6

State of weather.

Maximum velocities (exceeding 25 miles) direction and time

Maximum.	Minimum.	Mean.	Normal.
33	27	30	25

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 10.7

Percentage of possible sunshine, 0

Prevailing direction Southwest

Total movement, 127

Average hourly velocity, 5.3

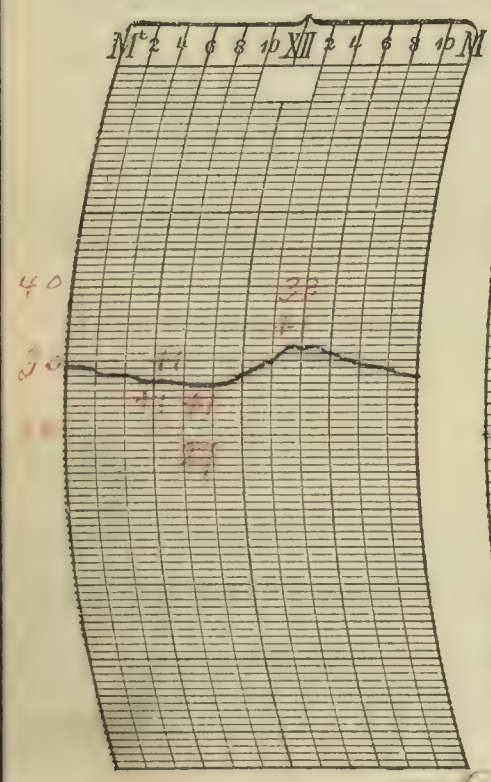
Maximum velocity,	Direction,	Time.
10	SW	8:07 pm
Extreme vel., 10	SW	8:07 pm

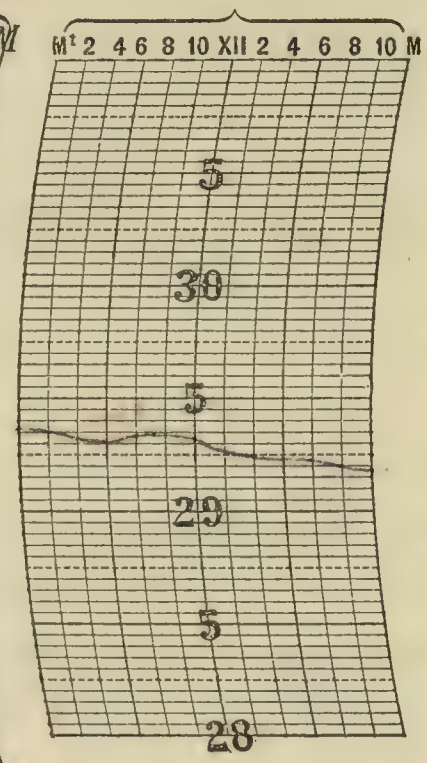
Relative humidity, 99 a. m. ____ p. m.

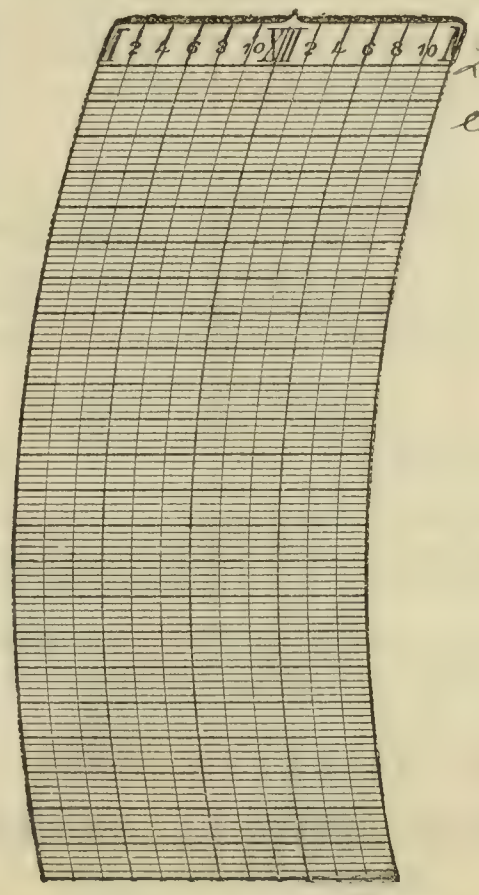
Reduced barometer, 29.93 a. m. ____ p. m.

River gage, —

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.







NOTES.

Light fog formed P.M. and continued into the following day.

Prepared by S. P. V.

Verified by S. P. V.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) FEB 17 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	29	29	29	28	28	28	28	29	31	38	48
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Lt fog	*	D				fog				* Lt fog	
Sunshine (in tenths of hours)							0	0	0	0.4	1.0	1.0
Wind direction	S	S	S	S	S	S	SE	SE	SE	SE	SE	SE
Wind movement	4	4	4	4	4	3	5	4	5	3	5	3

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	50	50	49	49	45	43	42	44	44	43	41
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.4	0	0						
Wind direction	S	S	S	S	S	S	S	S	S	SW	SW	W
Wind movement	* 4	* 5	6	7	5	7	7	5	3	6	6	3

Sunrise: Time, 6:48; Character, Foggy

Sunset: Time, 5:33; Character, Cloudy

Maximum velocity (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
56	25		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy. Moon phase, 11 h

Average daily cloudiness (0-10) 9

Actual sunshine, hours, 5.8

Possible sunshine, hours, 10.8

Percentage of possible sunshine, 54

Prevailing direction Southe

Total movement, 112

Average hourly velocity, 4.7

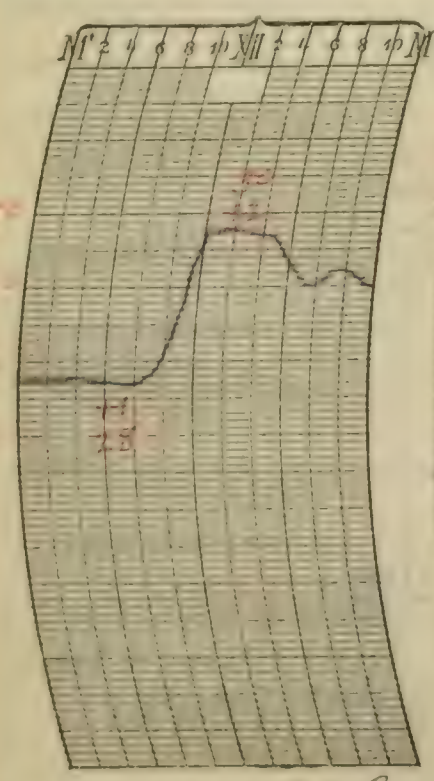
Maximum velocity,	Direction,	Time.
9	S	3:32 p.m.
Extreme velo. 9	S	3:32 p.m.

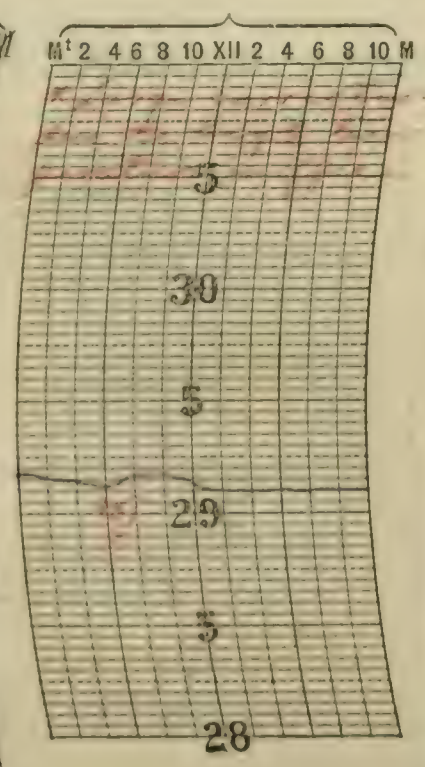
Relative humidity, 100 a. m. ... p. m.

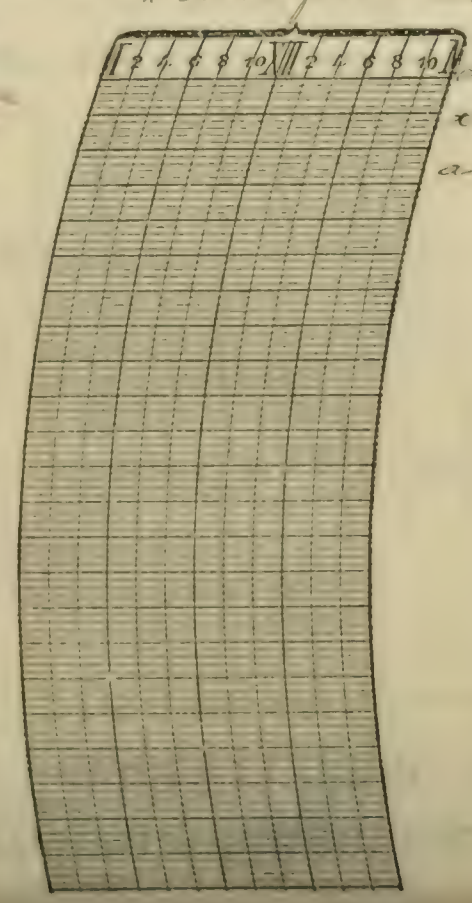
Reduced barometer, 29.79 a. m. ... p. m.

River gage, —

* Interpolated. S. P. For 22 hrs







NOTES.

Light fog began preceding day, became dense D 1a this date, changed to light again at 9.00 a.m., and disappeared at 11.00 a.m.

Prepared by S. P. P.

Verified by S. P. P.

8—426

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) FEB 18 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	39	38	38	36	34	35	32	33	32	33	41	45
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Dense fog				Cloudy					
Sunrise: Time, Character	6:46											
Sunshine (in tenths of hours)							0	0	0	0.4	1.0	1.0
Wind direction	W	W	W	O	S	SW	SW	SW	W	SW	SW	SW
Wind movement	1	2	3	0	2	2	2	2	5	3	6	6

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	47	48	48	48	46	45	43	42	40	38	37	[illegible]
State of weather: Nature of precipitation and time of beginning and ending				RB 3:20 RE 3:45								
Amounts of precipitation				T								
Cloudiness and other conditions				Clear			Partly cloudy			Clear		
Sunset: Time, Character									5:34	Clear		
Sunshine (in tenths of hours)	1.0	1.	0.5	0.4	0.4	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W
Wind movement	8	7	5	6	8	4	3	3	4	3	3	7

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
Temperature	48	31	40	25

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Partly cloudy. Moon phase,

Average daily cloudiness (0-10) 6

Actual sunshine, hours, 5.7

Possible sunshine, hours, 10.8

Percentage of possible sunshine, 53

Prevailing direction Southwest

Total movement, 95

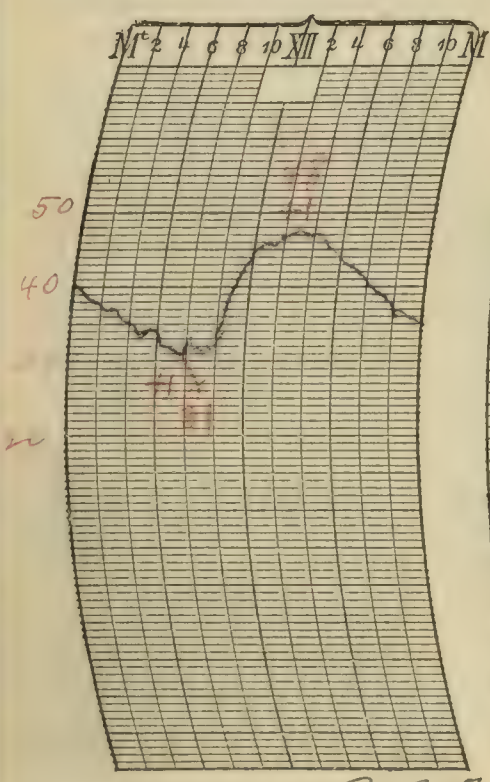
Average hourly velocity, 4.0

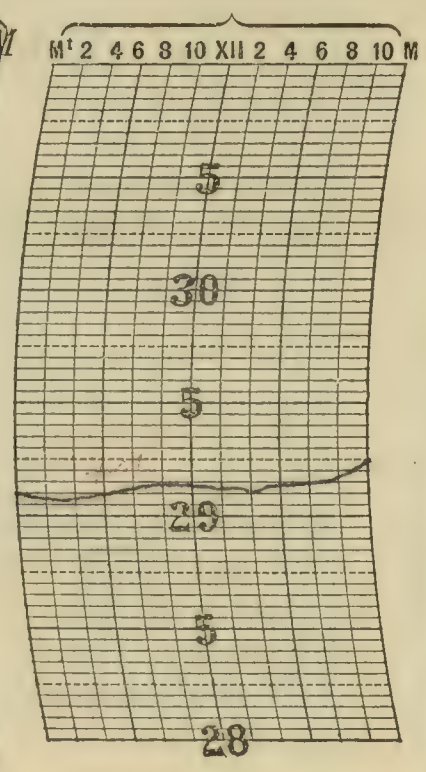
Maximum velocity,	Direction,	Time.
11	SW	12:15 pm
Extreme velocity, 11	SW	12:15 pm

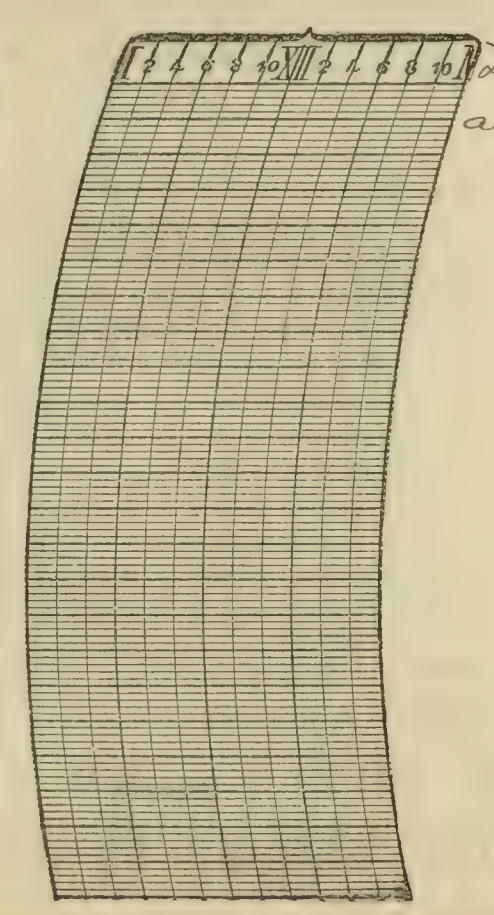
Relative humidity, 100 a. m. ____ p. m.

Reduced barometer, 29.62 a. m. ____ p. m.

River gage,







NOTES.

Dense fog formed 2 Ma, became light at 8:00 am and disappeared at 10:00 am.

Prepared by S. P. P.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Monday, (Date) FEB 19 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	32	31	30	29	29	29	31	33	33	33	35	37	37	38	40	39	36	35	33	33	32	31	29
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Clear				Cloudy						Pt Cldy		Clear			Hazy visibe				
Sunrise: Time, Character,	6:45 Cloudy																				Sunset: Time, Character, 5:35 Clear			
Sun-shine (in tenths of hours)							0	0.2	0.7	0	0	0	1.0	1.0	1.0	1.0	1.0	0.0						
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	5	3	3	2	3	3	2	2	5	4	5	6	6	8	6	7	6	5	5	3	4	3	2	3
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
40	29	34	26

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cldy Moon phase,

Average daily cloudiness (0-10)

Actual sunshine, hours, 7.0

Possible sunshine, hours, 10.8

Percentage of possible sunshine,

Prevailing direction Northwest

Total movement,

Average hourly velocity, 4.3

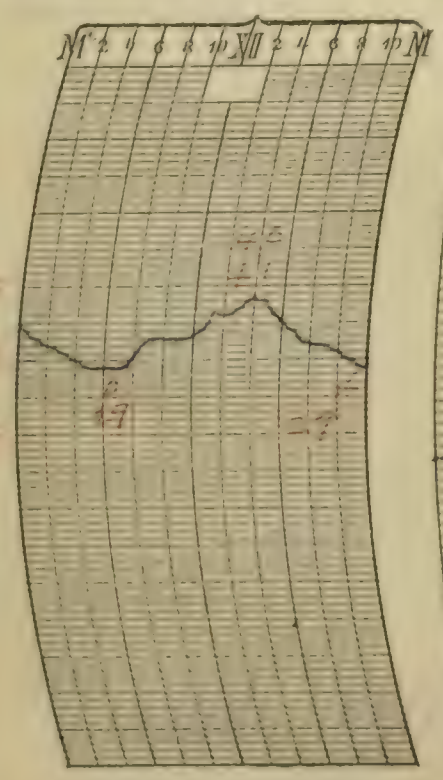
Maximum velocity,	Direction,	Time.
9	NW	1:11 pm
Extreme vel., 9	NW	1:11 pm

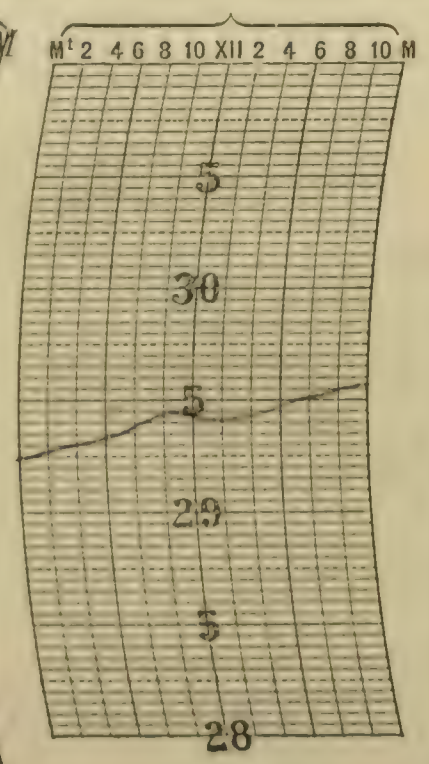
Relative humidity, 90 a. m. p. m.

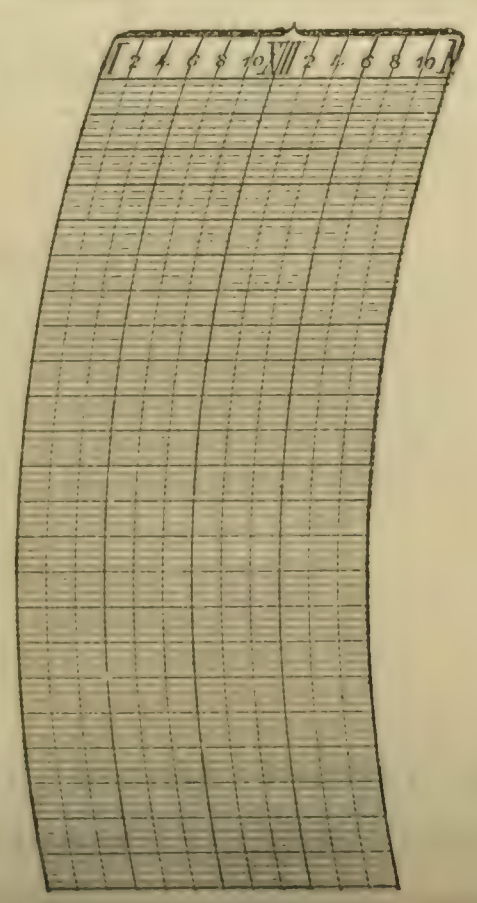
Reduced barometer, 29.04 a. m. p. m.

River gage, No

NOTES.







Prepared by S. P. P.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) FEB 20 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	29	29	28	27	26	26	26	26	27	28	30	31	32	33	33	32	32	32	30	29	29	[illegible]	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Cloudy																
Sunrise: Time, Character,	6:44 Clear																				Sunset: Time, Character, 5:36 Cloudy			
Sunshine (in tenths of hours)							27 0	0	0	0.3	0	0.8	0.9	0	0	0	0	0						
Wind direction	NW	N	N	N	N	N	N	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	5	7	8	5	4	7	8	8	5	6	8	9	8	9	9	10	10	10	13	15	13	13	13	14
Maximum velocities (exceeding 25 miles) direction and time																								

Maximum.	Minimum.	Mean.	Normal.
33	26	[illegible]	[illegible]

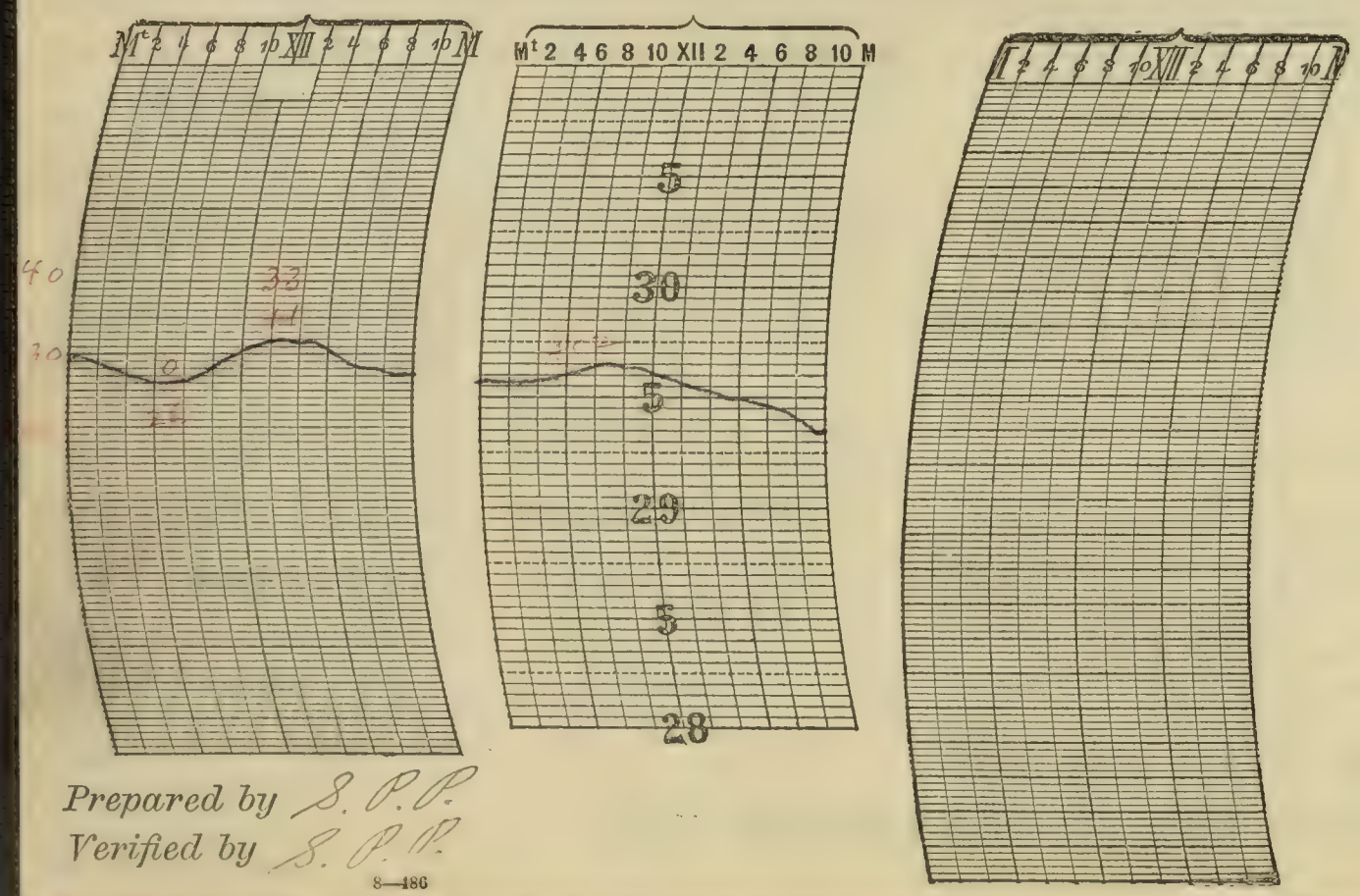
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10)
Actual sunshine, hours, 2.3
Possible sunshine, hours, 10.9
Percentage of possible sunshine, 21
Prevailing direction Northeast
Total movement, 217
Average hourly velocity, 9.0

Maximum velocity,	Direction,	Time.
17	NE	7:37 pm
20	NE	7:36 pm

Relative humidity, 78 a. m. ____ p. m.
Reduced barometer, 30.23 a. m. ____ p. m.
River gage,

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.



NOTES.

Prepared by S. P. P.
Verified by S. P. P.

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) FEB 11 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	26	26	26	25	24	24	23	22	21	21	21	22	20	20	19	19	19	19	18	22			
State of weather: Nature of precipitation and time of beginning and ending		S d	BD	Ka																	S 8:10			
Amounts of precipitation					T		*				.15								*	T+				
Cloudiness and other conditions											Cloudy													
Sunrise: Time, Character,	6:42 Cloudy																				Sunset: Time, Character, 5:37 Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	N	N	N	N	N	N	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	16	18	18	20	20	18	17	17	19	19	22	20	18	21	22	25	24	19	19	11	15	19	21	21
Maximum velocities (exceeding 25 miles) direction and time											10:16 N 26			1:45 N 25	2:53 NW 26	3:50 NW 30	4:23 NW 25		6:14 NW 25					11:42 NW 25

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
27	19		26

Total depth of snow for 24 hours ending 7 p. m., 2.5 inches.

Snow on ground 7 p. m., 2.5 inches.

Total snowfall, midnight to midnight, 2.5 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .15 ins.

Total precipitation, midnight to midnight, ... inches.

Character of day, Cloudy Moon phase.

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 10.9

Percentage of possible sunshine, 0

Prevailing direction Northwest

Total movement, 459

Average hourly velocity, 19.1

	Maximum velocity,	Direction,	Time.
Extreme vel.,	30	NW	3:50 pm
	30	NW	3:50 pm

Relative humidity, 95 a. m. ..... p. m.

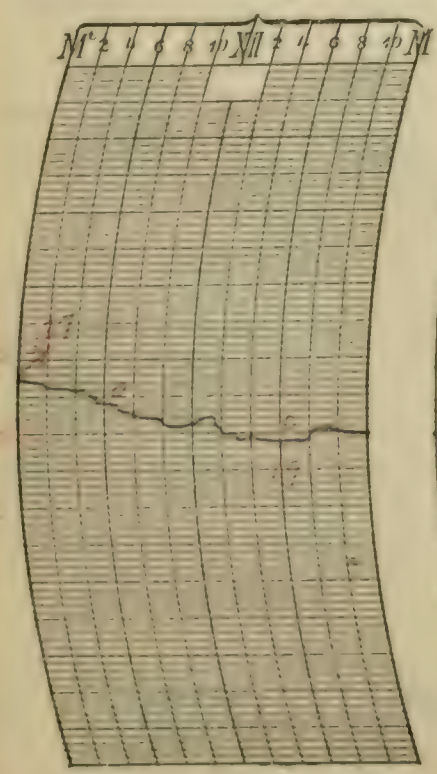
Reduced barometer, 29.72 a. m. ..... p. m.

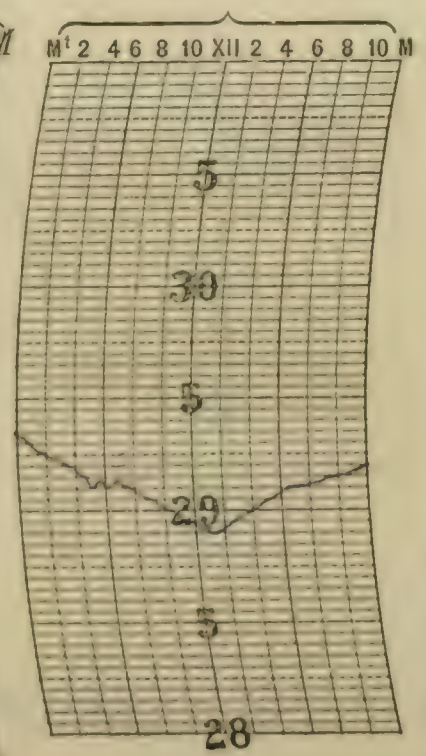
River gage,

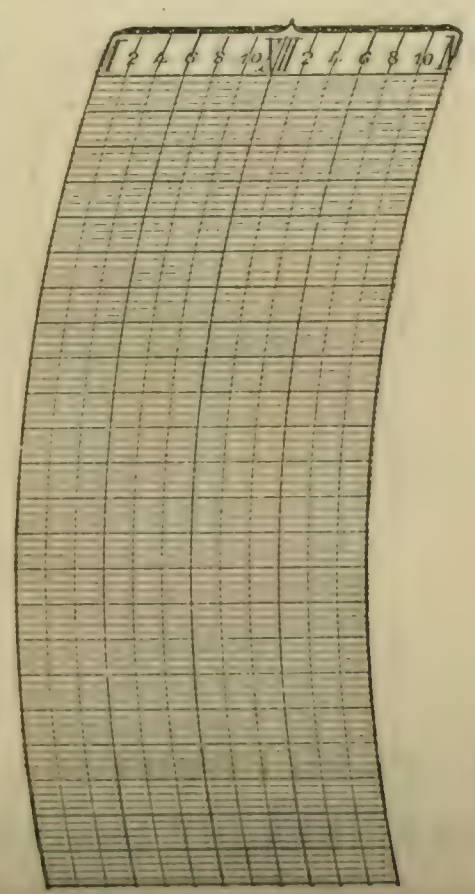
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

NOTES.







Prepared by S. P. V.
Verified by S. P. V.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) FEB 22 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	18	18	17	16	14	12	10	11	13	15	15	12
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							
Sunrise: Time, Character,	6:41 Clear											
Sunshine (in tenths of hours)							.32 0	0.4 0.6	1.0	1.0	1.0	1.0
Wind direction	NW	NW	W	W	W	W	W	W	W	W	W	W
Wind movement	17	18	18	15	14	13	13	13	13	13	12	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	21	22	23	24	24	24	23	24	26	26	27	27
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				×Pt Cl× Clear day					moon dimly visible			
Sunset: Time, Character,									5:39 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	× 1.0	× 1.0	× 0.65						
Wind direction	W	SW	SW	SW	SW	SW	S	SW	SW	S	SW	SW
Wind movement	16	17	15	13	9	5	6	8	10	11	13	14

Maximum velocities (exceeding 25 miles) direction and time

Maximum.	Minimum.	Mean.	Normal.
27	10	18	27

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 1.5 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cldy Moon phase,

Average daily cloudiness (0-10) 6

Actual sunshine, hours, 11.0

Possible sunshine, hours, 11.0

Percentage of possible sunshine, 100

Prevailing direction West

Total movement, 308

Average hourly velocity, 12.8

Maximum velocity,	Direction,	Time.
22	NW	1:12 a
Extreme vel. 26	W	12:48 a

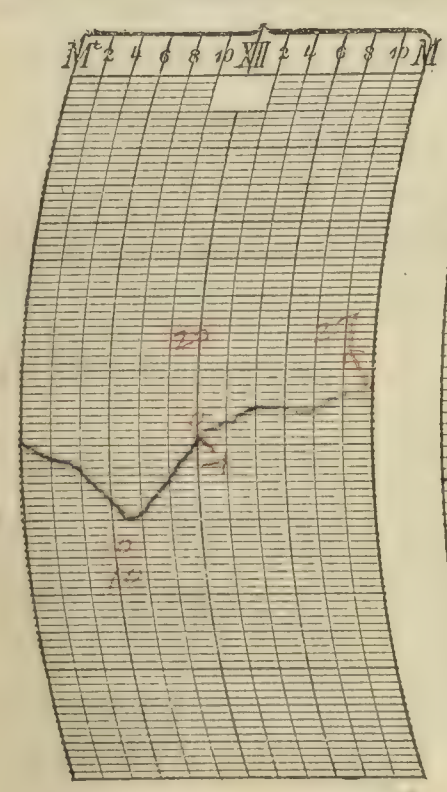
Relative humidity, 81 a. m. ____ p. m.

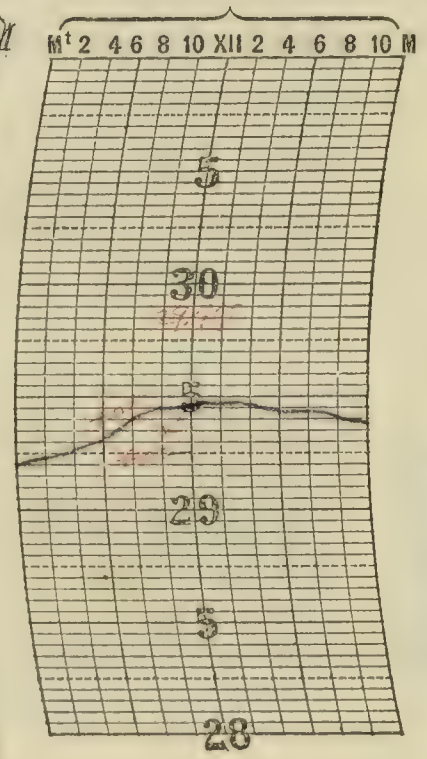
Reduced barometer, 29.97 a. m. ____ p. m.

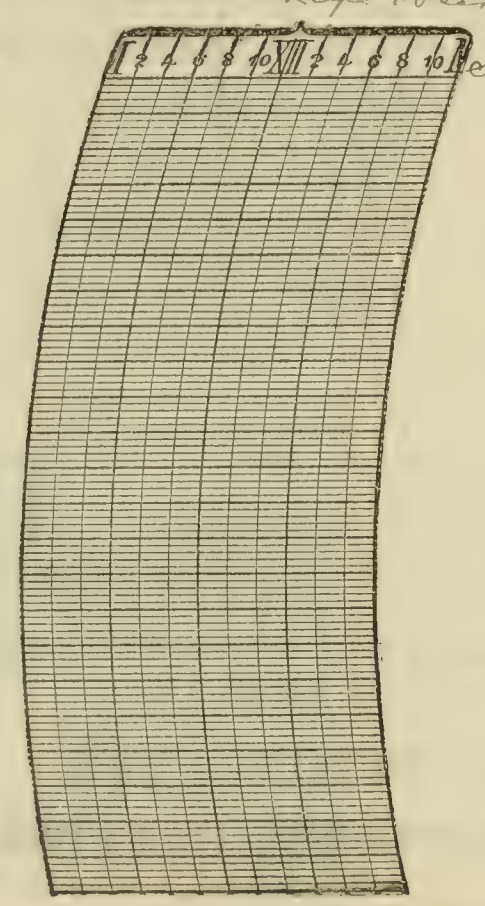
River gage,

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

×Eye observations







NOTES.

Solar halo observed at 1:35 pm.

Prepared by S. P. S.
Verified by S. P. S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) FEB 23 1912, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	30	30	30	29	28	27	28	30	32	35	38
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Cloudy						x6TCx
Sunshine (in tenths of hours)							0	0	0.1	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	12	13	16	15	17	14	15	10	10	16	17	14

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	42	43	43	43	40	39	39	38	37	38	38
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.47 0.20						
Wind direction	SW	SW	SW	SW	SW	S	SW	SW	SW	SW	SW	SW
Wind movement	12	14	11	12	12	7	14	14	8	10	10	7

Sunrise: Time, 6:39 Character, Cloudy

Sunset: Time, 5:40 Character, Clear

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
43	27	35	37

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., — ins.; to 7 p. m., — ins.

Total precipitation, midnight to midnight, — inches.

Character of day, PtCldy Moon phase,

Average daily cloudiness (0-10) 5

Actual sunshine, hours, 8.8

Possible sunshine, hours, 11.0

Percentage of possible sunshine, 80

Prevailing direction Southeast

Total movement, 300

Average hourly velocity, 12.5

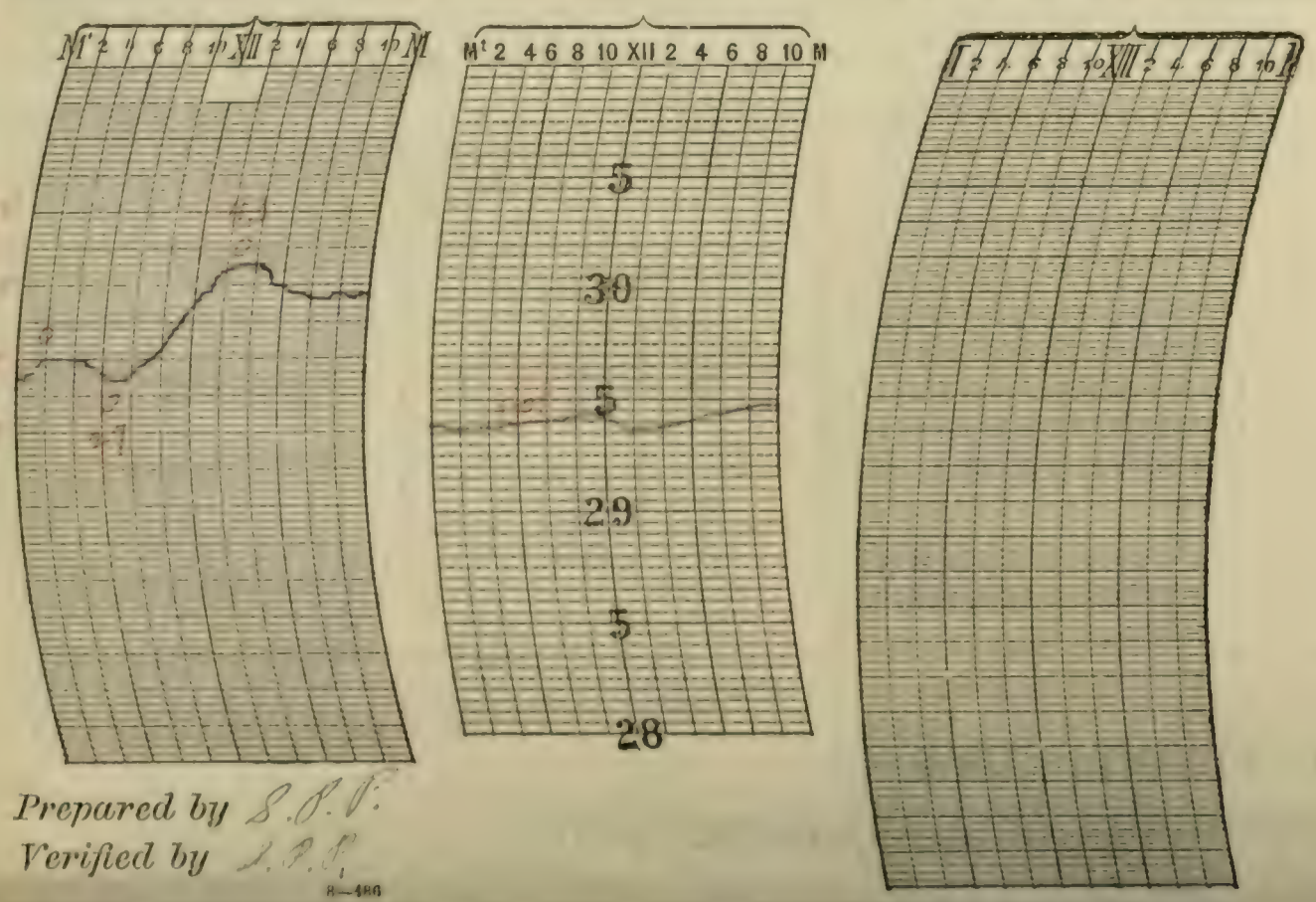
Maximum velocity,	Direction,	Time.
20	SW	9:35 a. m.

Relative humidity, 62 a. m. — p. m.

Reduced barometer, — a. m. — p. m.

River gage, —

NOTES.



Prepared by S. S. V.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) FEB 24 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	38	38	38	37	37	37	37	37	35	35	37	40
State of weather: Nature of precipitation and time of beginning and ending								RB 7:50			RE 10:30	RB 11:45
Amounts of precipitation								←			.06	→
Cloudiness and other conditions				Cloudy								
Sunrise: Time, Character,	6:38 Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0.5	0.1
Wind direction	SW	SW	SW	SW	SE	× S	× S	× SW	W	SW	SW	W
Wind movement	5	5	6	2	3	2	3	4	5	6	5	7
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	41	40	41	41	41	40	40	40	39	39	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending	RE 12:23			RB 2:05 RE 3:40				RB 7:10	RE 8:05			
Amounts of precipitation		- - - -		→				.47	→			
Cloudiness and other conditions												
Sunset: Time, Character,									5:41 Cloudy			
Sunshine (in tenths of hours)	0.6	0	0	0	0	0						
Wind direction	W	W	SE	SE	SE	S	S	S	S	S	W	W
Wind movement	4	3	3	4	3	2	2	1	1	3	3	4
Maximum velocities (exceeding 25 miles) direction and time												

Maximum.	Minimum.	Mean.	Normal.
41	35	38	21

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .06 ins.
Total precipitation, midnight to midnight, .06 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 10
Actual sunshine, hours, 1.2
Possible sunshine, hours, 11.0
Percentage of possible sunshine, 11
Prevailing direction South & Southwest
Total movement, 86
Average hourly velocity, 3.6

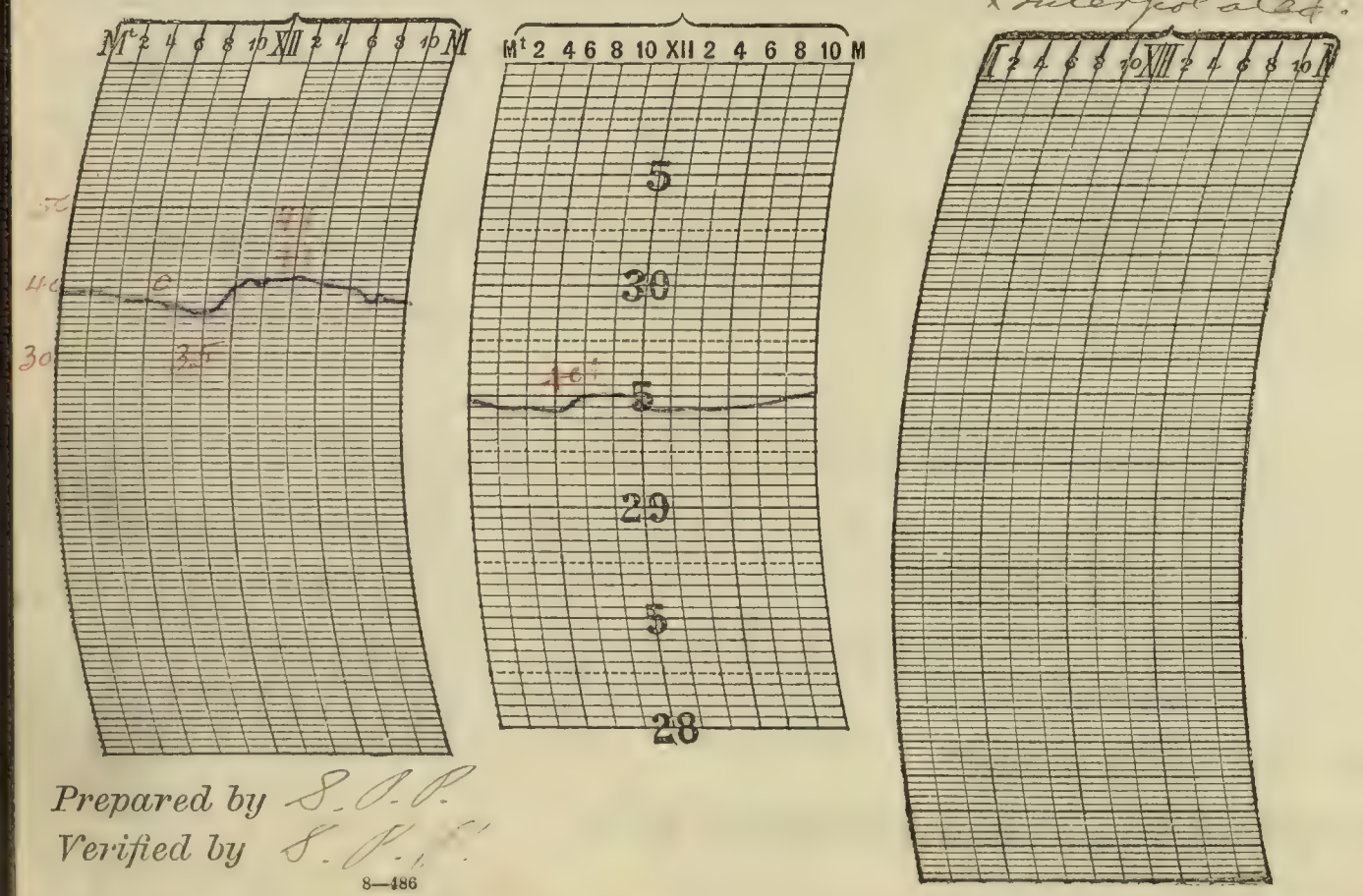
Maximum velocity,	Direction,	Time.
9	SW	2:45 a. m.
Extreme Vel., 9	5-SW	2:45 a. m.

Relative humidity, 74 a. m. p. m.
Reduced barometer, 30.08 a. m. p. m.
River gage, —

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

× Interpolated. * Exp. observer [illegible]

NOTES.



Prepared by S. O. P.
Verified by S. O. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) FEB 25 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	36	35	35	35	35	35	35	34	36	36	36	35	35	34	32	31	31	30	30	30	30	30	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending																						Snow B		
Amounts of precipitation																						T* .08		
Cloudiness and other conditions											Cloudy													
Sunshine (in tenths of hours)							0	0	0.3	0.6	1.0	1.0	1.0	0	0	0	0	0						
Wind direction	W	NW	NW	NW	NW	N	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	6	5	7	4	5	4	4	10	10*	13*	11	12	15	13	15	18	18	17	22	23	24	22	24	24
Maximum velocities (exceeding 25 miles) direction and time																			6:55 NE 27	7:58 NE 29	8:15 NE 31		10:46 NE 28	NE 28

Sunrise: Time, 6:36; Character, Cloudy

Sunset: Time, 5:42; Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts.

Maximum.	Minimum.	Mean.	Normal.
37	29	[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0.8* inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., [illegible] ins.

Total precipitation, midnight to midnight, 0.8* inches.

Character of day, Cloudy; Moon phase, [illegible]

Average daily cloudiness (0–10), 9

Actual sunshine, hours, 3.9

Possible sunshine, hours, 11.1

Percentage of possible sunshine, 35

Prevailing direction, Northeast

Total movement, 329

Average hourly velocity, 13.7

Maximum velocity,	Direction,	Time.
31	NE	8:15 p.m.
Extreme vel. Φ 32	NE	8:13 p.m.

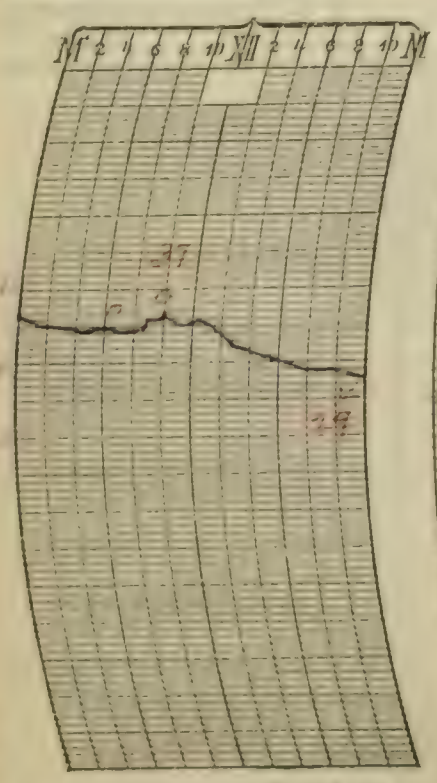
Relative humidity, 93 a. m. ____ p. m.

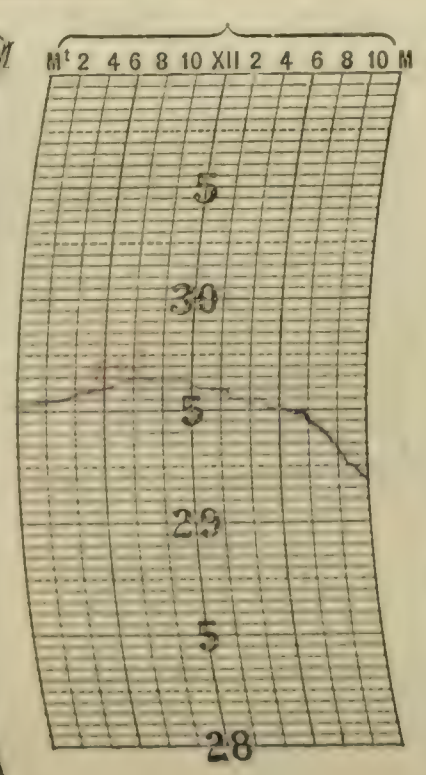
Reduced barometer, 30.24 a. m. ____ p. m.

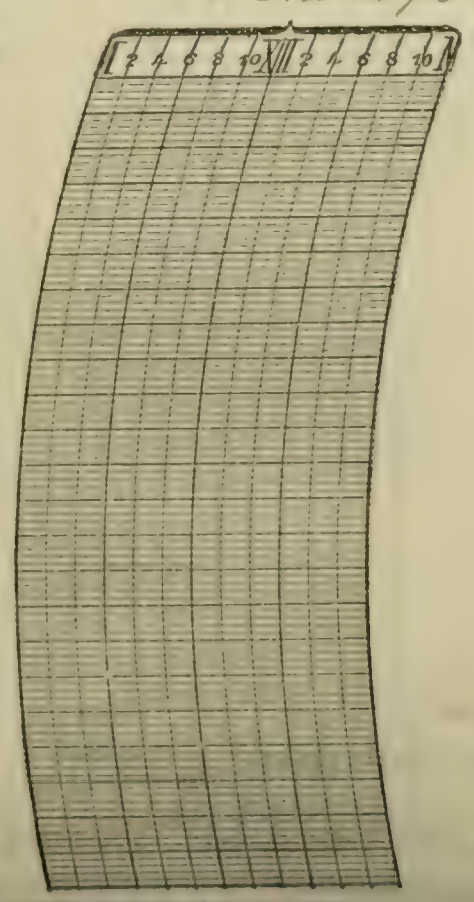
River gage, ____

* Interpolated. *. Estimated. Φ for 23 5/12 hours.

NOTES.







Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Monday, (Date) FEB 26 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	+1 26	26	27	28	29	+1 29	27	27	26	20	18	18	18	17	0 19	19	19	18	17	17	14	13	11
												5 ne 11:05	5 se 12:24						5 se 6:05					
State of weather: Nature of precipitation and time of beginning and ending				※																				
Amounts of precipitation				.30			×							.03			×	T						
Cloudiness and other conditions											Cloudy										Moon visible × clear			
Sunrise: Time, Character,	6:35 Cloudy																							
Sunset: Time, Character,																					5:43 Clear			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0	× 0.5						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W
Wind movement	23	20.5	28	20.5	20.5	22	21	22	22	21	20	19	22	22	21	20	20	18	16	14	13	11	8	8
Maximum velocities (exceeding 25 miles) direction and time	2:56 NE 28	1:42 NE 31	2:18 NE 33	3:03 NE 28	4:43 NE 28	5:04 NE 27	6:53 NE 25	7:08 NE 26	8:19 N 26	9:03 NE 25				1:22 NW 25			4:15 NW 28							

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum.	Minimum.	Mean.	Normal.
29	11	20	27

Total depth of snow for 24 hours ending 7 p. m., 4.7 inches.

Snow on ground 7 p. m., 4.7 inches.

Total snowfall, midnight to midnight, 3.9 ※ inches.

Precipitation to 7 a. m., .38 ins.; to 7 p. m., .03 ins.

Total precipitation, midnight to midnight, .33 ※ inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0.5

Possible sunshine, hours, 11.1

Percentage of possible sunshine, 5

Prevailing direction Northwest

Total movement, 466

Average hourly velocity, 19.4

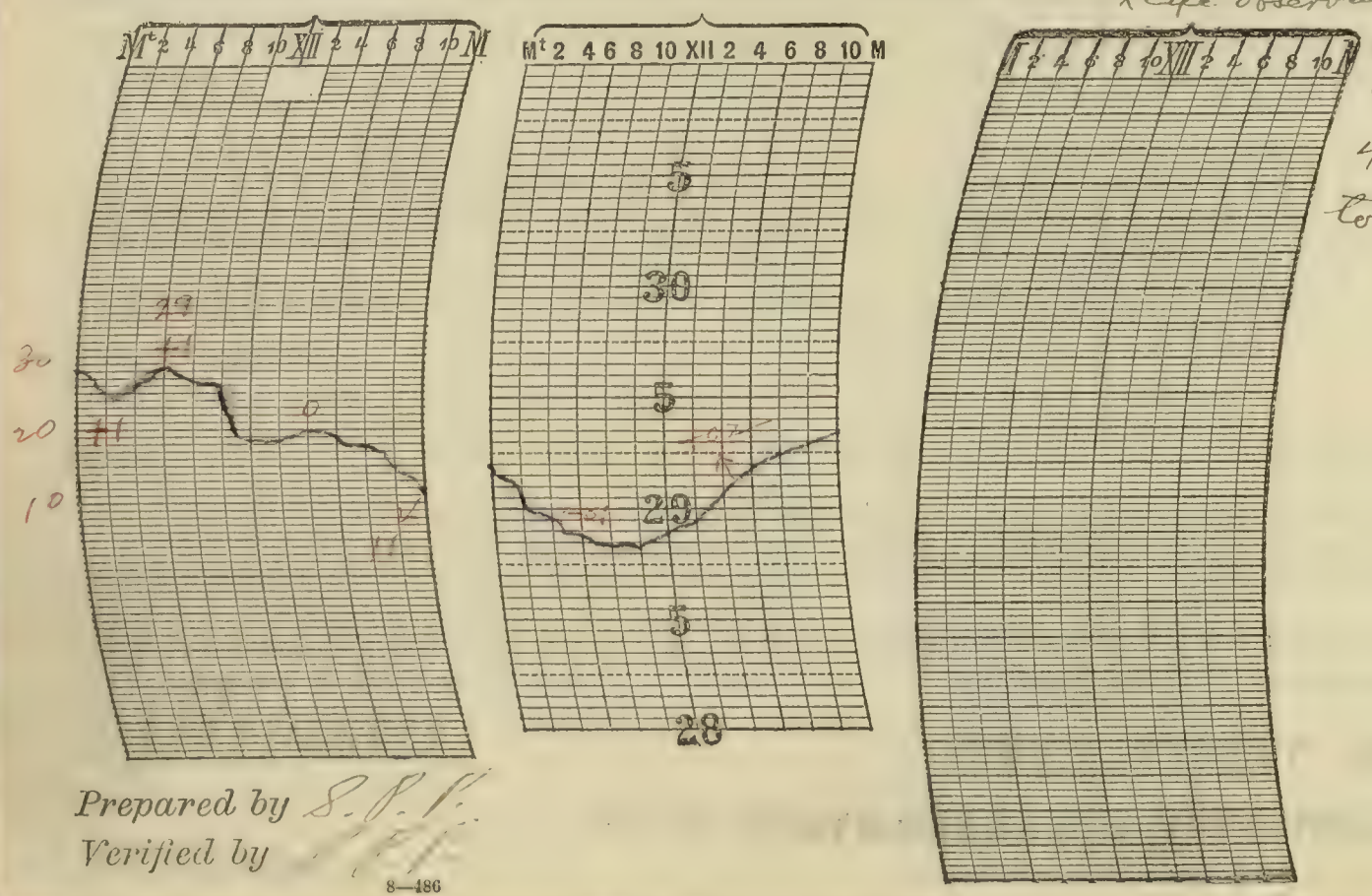
Maximum velocity,	Direction,	Time.
33	NE	2:18 am
Extreme vel. 37	NE	2:16 am

Relative humidity, 91 a. m. p. m.

Reduced barometer, 29.41 a. m. p. m.

River gage, — See inst. notes

× Eye observation ※ Estimated.



NOTES.

A special observation was taken at 4:20 pm and telegraphed to Washington. Pressure rose rapidly.

Prepared by S. S. V.

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) FEB 27 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	10	10	7	6	5	4	0 3	5	8	10	14	15	19	20	22	23	22	21	20	20	[illegible]	[illegible]	0 [illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						clear				++	ft cldy	++	clear						clear		v	v	hzy	
Sunshine (in tenths of hours)	Sunrise: Time, 6:34 Character, Clear						.43 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.53 0.20			Sunset: Time, 5:44 Character, Clear			
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W
Wind movement	6	7	9	8	8	6	5	7	6	8	7	7	6	8	10	10	9	7	4	4	5	7	10	10
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts.

Maximum.	Minimum.	Mean.	Normal.
26	3	[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 40 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 3

Actual sunshine, hours, [illegible]

Possible sunshine, hours, 11.2

Percentage of possible sunshine, 100

Prevailing direction West

Total movement, 174

Average hourly velocity, 7.2

	Maximum velocity,	Direction.	Time.
	12	W	11:32 p.m.
Extreme vel.	12	W	11:32 p.m.

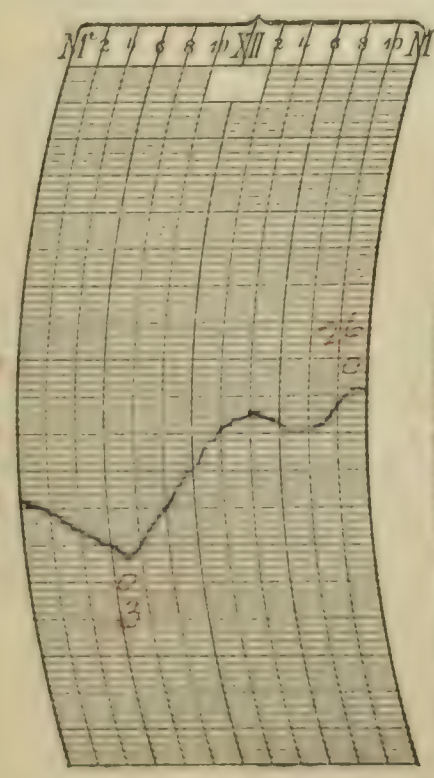
Relative humidity, .86 a. m. p. m.

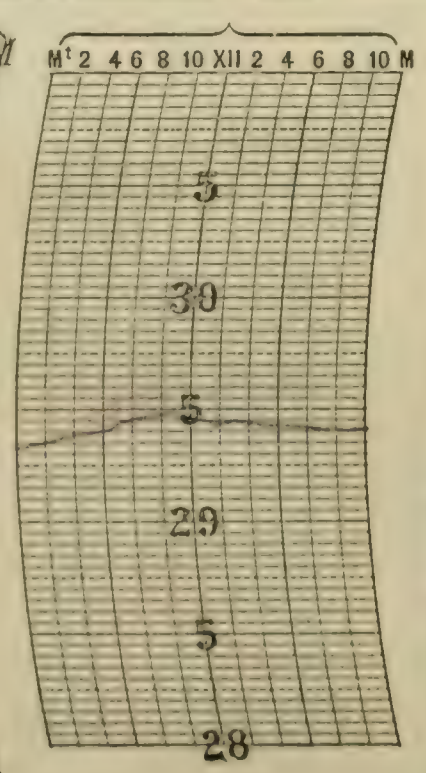
Reduced barometer, 30.06 a. m. p. m.

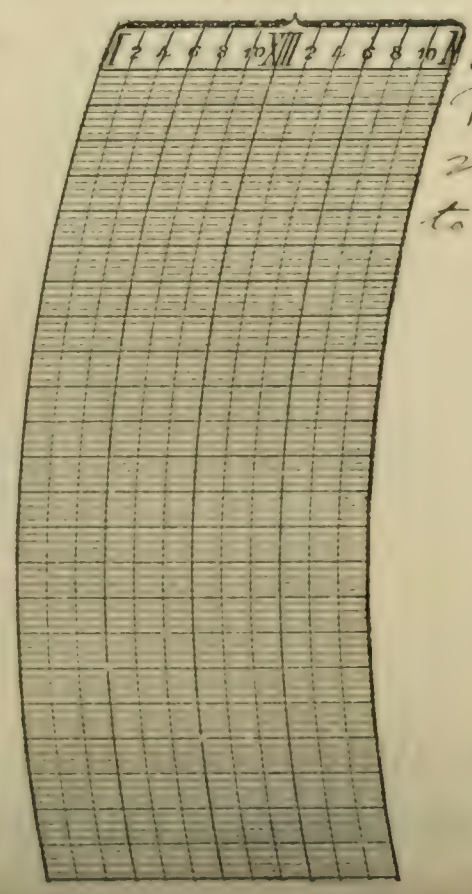
River gage,

NOTES.

A cold wave occurred this date. The greatest fall in temperature was 26° — from 29° at 7 a.m. on the 26th to 3° at 7 a.m. today.







Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) FEB 28 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	23	21	18	17	16	14	16	18	20	21	22
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear			*P.C.*		
Sunrise: Time, Character, 6:32 Clear												
Sunshine (in tenths of hours)							.47 0	0.4 0.6	1.0	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	7	11	11	11	9	9	7	8	9	8	11	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	24	24	24	22	21	20	20	21	20	18	15
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			*Clear*					Moon visible				
Sunset: Time, Character, 5:46 Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.1 0.9	.77						
Wind direction	W	W	W	W	W	W	W	W	SW	W	W	W
Wind movement	14	11	13	12	14	*10	5	4	7	10	11	10

	Maximum.	Minimum.	Mean.	Normal.
	36	14	20	30

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 3.0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10)

Actual sunshine, hours, 11.2

Possible sunshine, hours, 11.2

Percentage of possible sunshine, 100

Prevailing direction West

Total movement, 234

Average hourly velocity, 9.8

Maximum velocity,	Direction,	Time.
16	ϕ W	12:14 pm
Extreme vel. 17	NW	12:14 pm

Relative humidity, 85 a. m. p. m.

Reduced barometer, 30.10 a. m. p. m.

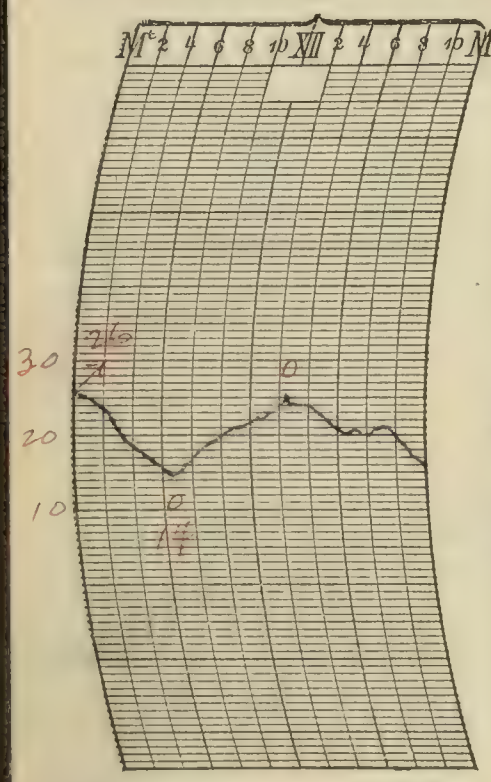
River gage,

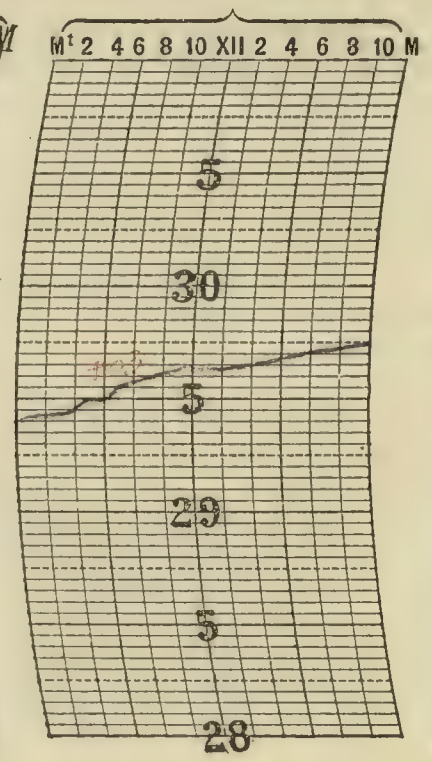
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

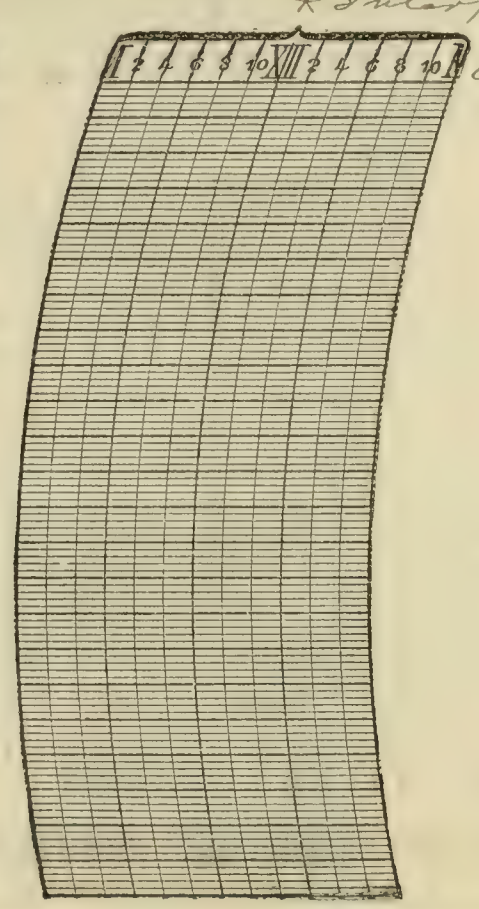
* Interpolated. ϕ For 23 3/4 hrs

NOTES.

A lunar halo was observed at 7 p. m.







Prepared by S. P. V.

Verified by S. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL., (Day of week) Thursday, (Date) FEB 29 1912 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	14	13	11	10	9	8	7	7	9	11	12	14	16	17	17	17	17	16	14	14	13	13	12	10
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Clear								Clear	Variable			
Sunrise: Time, Character,	6:30 Clear																				Sunset: Time, Character, 5:47 Clear			
Sunshine (in tenths of hours)							.50 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.7 0						
Wind direction	W	W	W	W	W	W	W	W	W	W	NW	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	9	10	9	8	8	*7	*7	*9	13	*15	*16	*15	14	14	16	15	12	9	6	7	8	8	8	8
Maximum velocities (exceeding 25 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
18	7		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 2.5 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 0

Actual sunshine, hours, 11.3

Possible sunshine, hours, 11.3

Percentage of possible sunshine, 100

Prevailing direction W east

Total movement, 251

Average hourly velocity, 10.5

Maximum velocity,	Direction,	Time.
19	ϕ 14	1:15 a. m.
	ϕ 30 W	1:52 p. m.

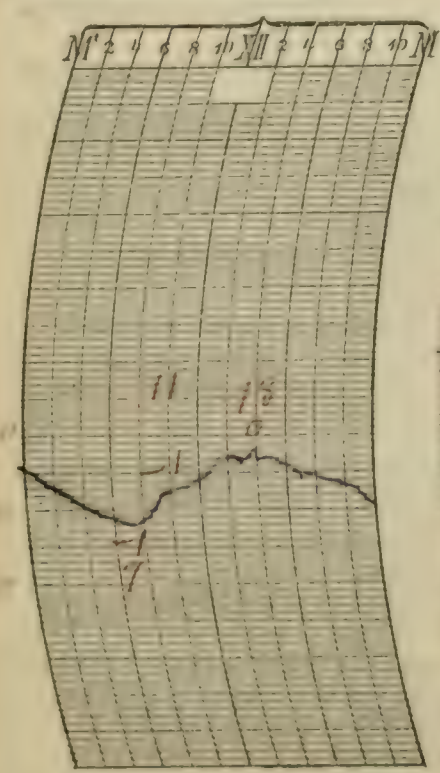
Relative humidity, 71 a. m. p. m.

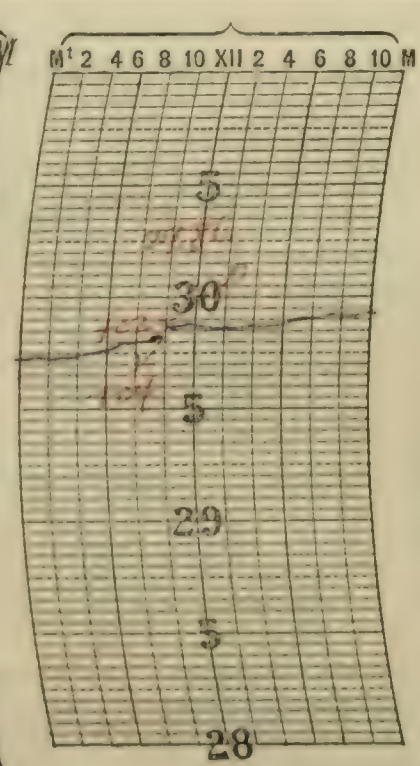
Reduced barometer, 30.42 a. m. p. m.

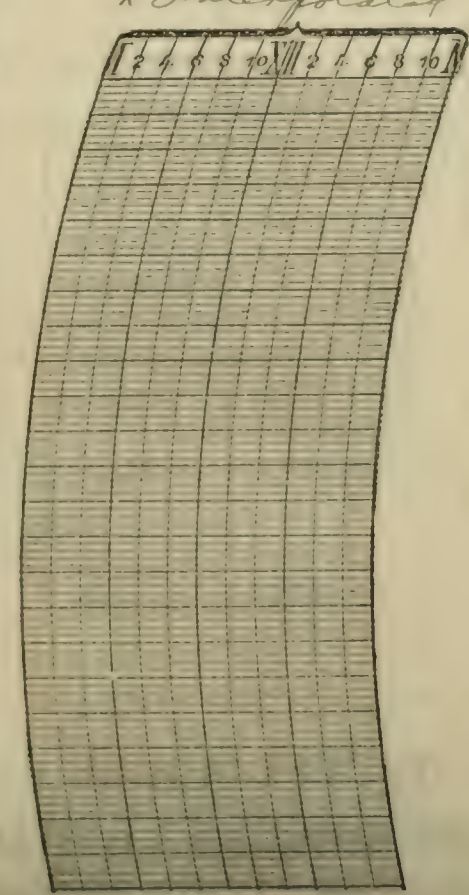
River gage,

* Interpolated ϕ For 19 hrs.

NOTES.







Prepared by S. H. S.
Verified by S. H. S.

8—496

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) MAR 1 1912, 191

Time (local standard), ____ mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	10	7	7	6	4	3	2	4	7	11	12	14
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Moon										Clear	
Sunshine (in tenths of hours)							.50 0	0.4 0.6	1.0	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	NW	W	W	W
Wind movement	11	7	6	7	8	7	6	6	6	8	10	11

Sunrise: Time, 6:30 Character, Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	16	16	18	17	16	15	14	12	11	9	8	6
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								Moon visible				
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	.058 0.20						
Wind direction	W	W	W	W	W	W	W	W	W	NW	NW	NW
Wind movement	13	12	13	12	12	9	7	6	6	5	5	4

Sunset: Time, 5:47 Character, Clear

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
18	2	10	30

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 2.4 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, ____

Average daily cloudiness (0–10) 0

Actual sunshine, hours, 11.3

Possible sunshine, hours, 11.3

Percentage of possible sunshine, 100

Prevailing direction West

Total movement, 197

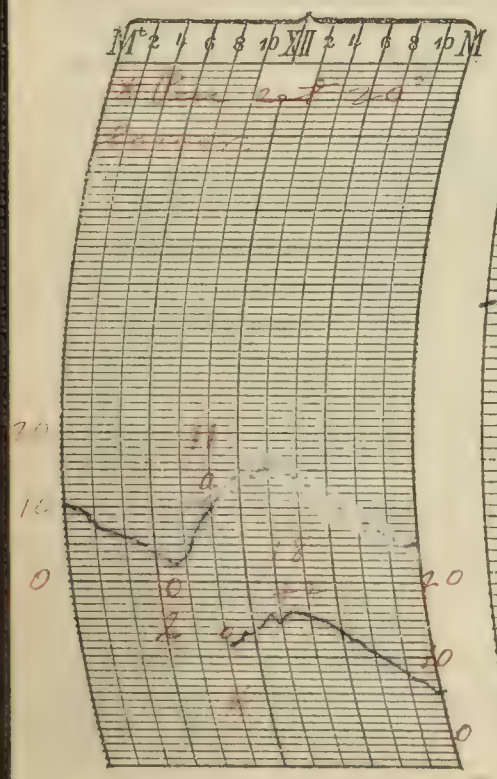
Average hourly velocity, 8.2

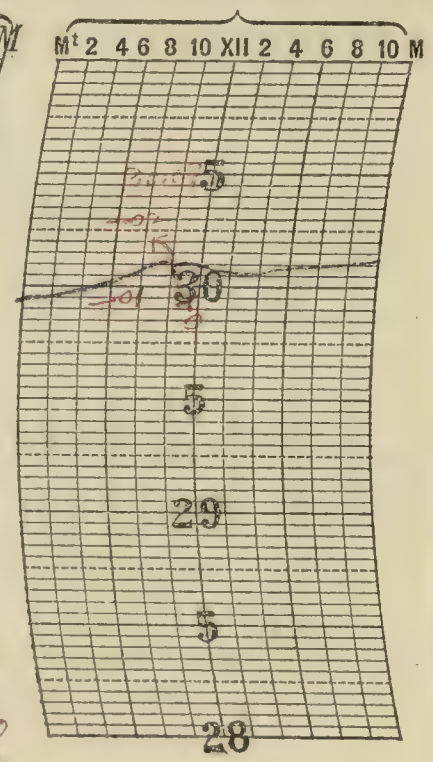
Maximum velocity,	Direction,	Time.
16	NW	1:50 pm
Extreme Vel., 18	W	1:51 pm

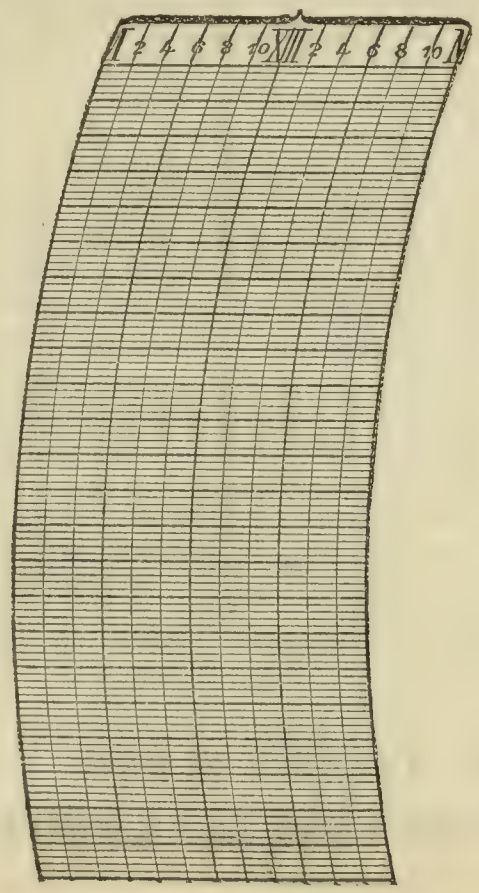
Relative humidity, 88 a. m. ____ p. m.

Reduced barometer, 30.64 a. m. ____ p. m.

River gage, ____







NOTES.

Prepared by L. P. P.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) MAR 2 1912 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	5	6	6	6	6	5	5	7	8	10	11	13	14	15	16	16	15	15	16	16	16	15	15	15
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																	.01		x		.04			
Cloudiness and other conditions												Cloudy												
Sunrise: Time, Character,	6:29 Cloudy																				Sunset: Time, Character, 5:48 Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0.8	0.6	0	0	0	0						
Wind direction	NW	N	N	NE	NE	E	NE	E	E	NE	NE	NE	NE	E	E	E	E	E	NE	NE	NE	NE	NE	NE
Wind movement	2	5	5	8	6	3	5	3	4		5		9	12	10	10	8	7	10	11	14	16	16	14
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
17	5		

Total depth of snow for 24 hours ending 7 p. m., 0.4 inches.

Snow on ground 7 p. m., 2.8 inches.

Total snowfall, midnight to midnight, 1.4 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .05 inches.

Character of day, cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 1.4

Possible sunshine, hours, 11.3

Percentage of possible sunshine, 12

Prevailing direction Northeast

Total movement, 195

Average hourly velocity, 8.1

Maximum velocity,	Direction,	Time.
19	NE	9:25 pm
Extreme vel., 21-E		9:37 pm

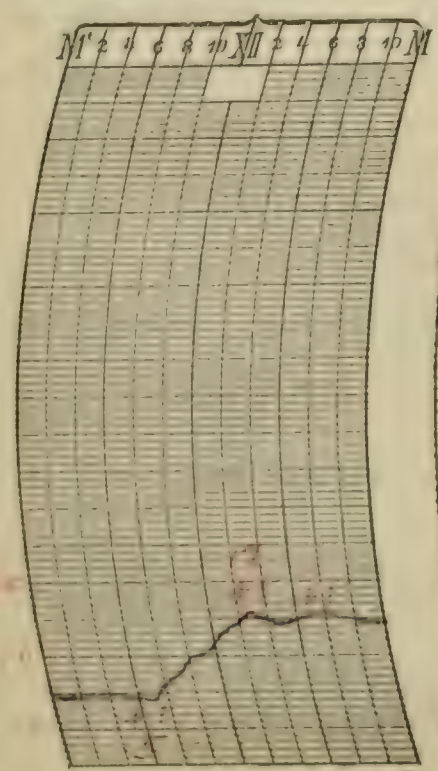
Relative humidity, 74 a. m. p. m.

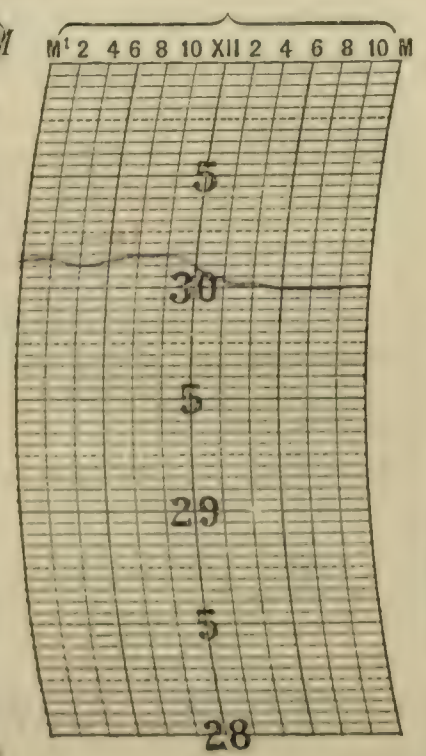
Reduced barometer, 30.74 a. m. p. m.

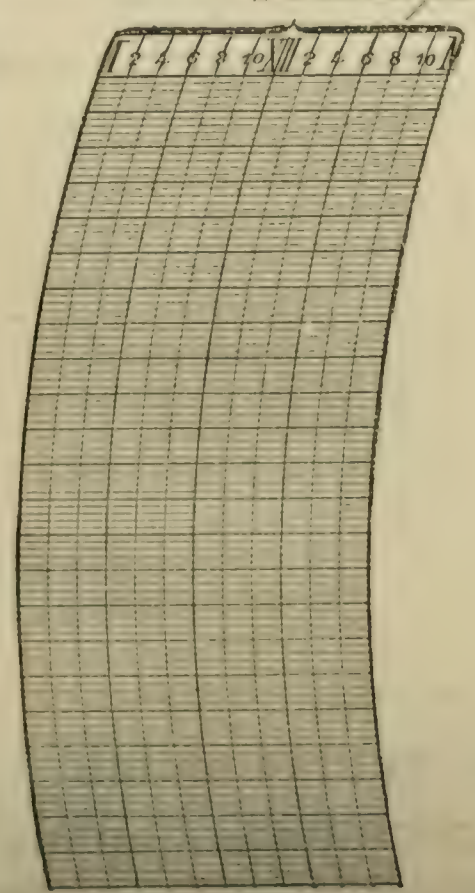
River gage,

x Not reported. * Estimated.

NOTES.







Prepared by S. P. S.

Verified by S. W. H.

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) MAR 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	15	15	14	14	14	14	14 +1	14	15	17	19	21 5d 11:05
State of weather: Nature of precipitation and time of beginning and ending					*							
Amounts of precipitation					.05			T				
Cloudiness and other conditions							Cloudy		P.C.	Clear		
Sunrise: Time, Character,	6:27 Cloudy											
Sunshine (in tenths of hours)							0	0	0	0.8	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	12	14	14	13	16	15	15	14	16	17	18	17

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	24 +1	24	23	22	20	19	16	16	15	14	11
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear		PCldy					
Sunset: Time, Character,									5:49 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	.82 0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	17	16	17	16	14	14	11	12	11	9	8	7

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
24	14	19	

Total depth of snow for 24 hours ending 7 p. m., 2.5 inches.

Snow on ground 7 p. m., 4.7 inches.

Total snowfall, midnight to midnight, 1.5 inches.

Precipitation to 7 a. m., .09 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .05 inches.

Character of day, PCldy Moon phase, 0 4:42 am

Average daily cloudiness (0-10) 6

Actual sunshine, hours, 8.6

Possible sunshine, hours, 11.4

Percentage of possible sunshine, 75

Prevailing direction Northeast

Total movement, 333

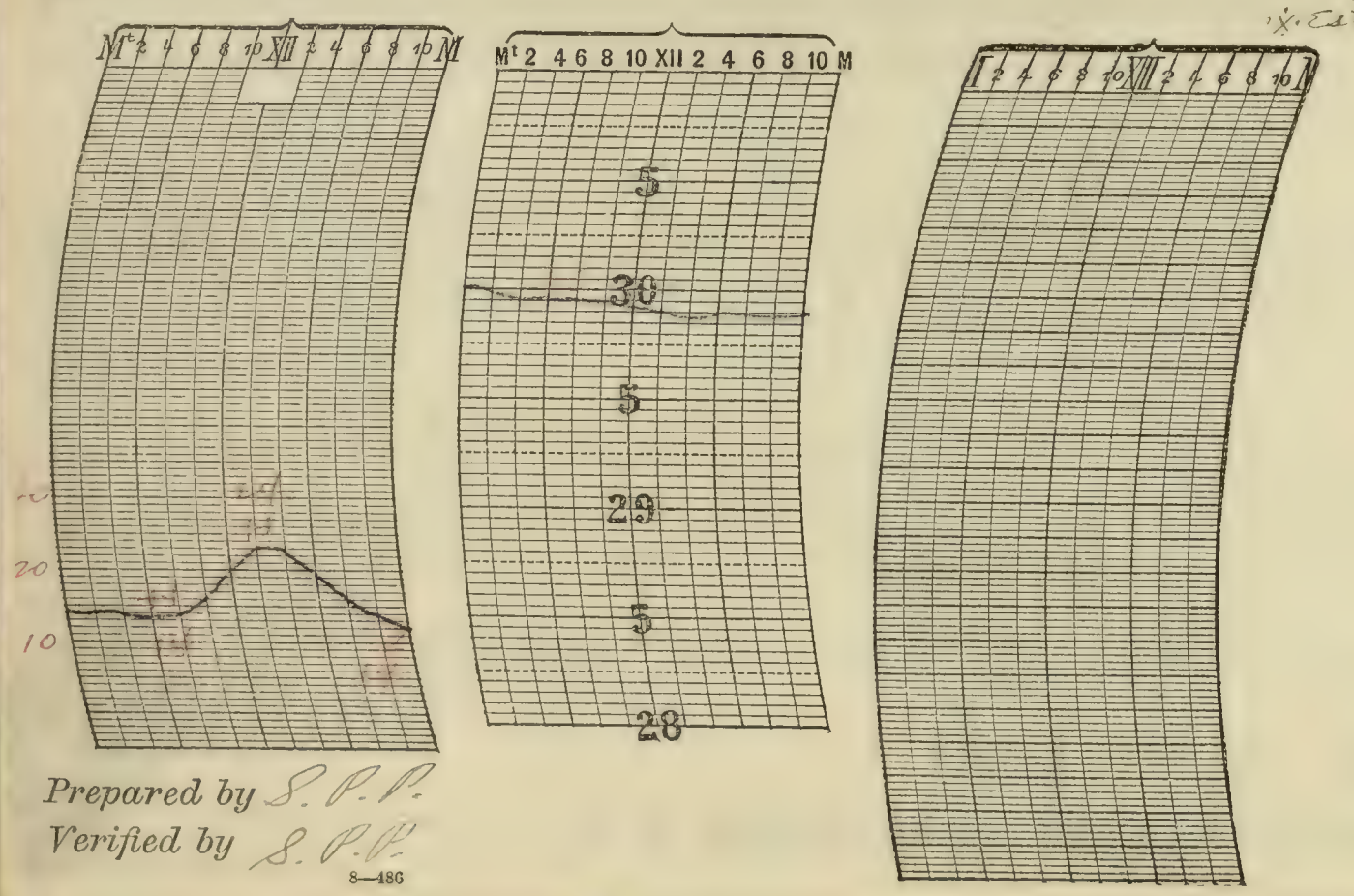
Average hourly velocity, 13.9

Maximum velocity,	Direction,	Time.
20	E	9:33 am
Extreme Wind: 23	E	9:32 am

Relative humidity, 91 a. m. ____ p. m.

Reduced barometer, 30.54 a. m. ____ p. m.

River gage, —



NOTES.

Prepared by S. P. P.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Monday, (Date) MAR 4 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	13	+2 12	13	13	13	13	+2 12	13	15	16 S.B. 7:08	18	18	20	20	22 S.D. 2:15	+1 22	22	21	20	19	17	15	13	11
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation												T												
Cloudiness and other conditions	Moon visible				Clear				Cloudy				Pt Cloudy								Moon visible			
Sunrise: Time, Character,	6:25 Clear																				Sunset: Time, Character, 5:50 Cloudy			
Sunshine (in tenths of hours)							.58 0	0.2 0	0	0.3	0	0.1	0.7	0.2	1.0	0.5	0.2	0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	NW	NW	NW	N	N	N	NE	NE	NE	NE	N	N
Wind movement	7	7	7	7	8	6	7	7	5	6	5	3	6	7	9	9	8	7	6	10	8	5	7	10
Maximum velocities (exceeding 20 miles) direction and time																								

Excessive precipitation, accumulated amounts.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
23	11	17	31

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 3.8 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 7

Actual sunshine, hours, 3.8

Possible sunshine, hours, 11.4

Percentage of possible sunshine, 33

Prevailing direction NE

Total movement, 167

Average hourly velocity, 7.0

	Maximum. velocity,	Direction,	Time.
Extreme Vel.	13	NE	8:15 pm
	13	NE	8:15 pm

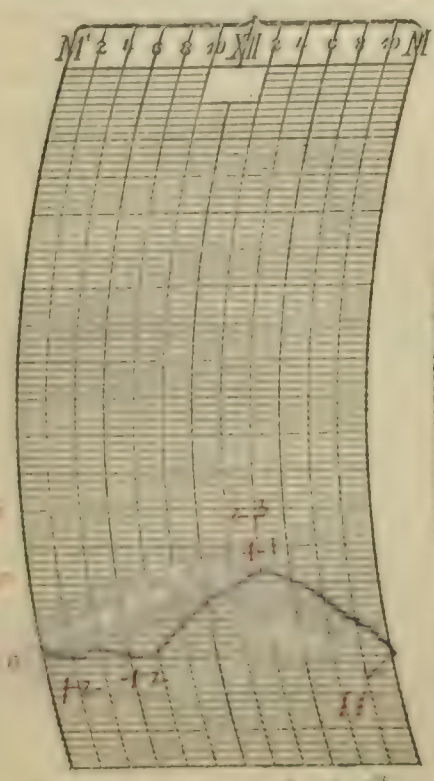
Relative humidity, 80 a. m. p. m.

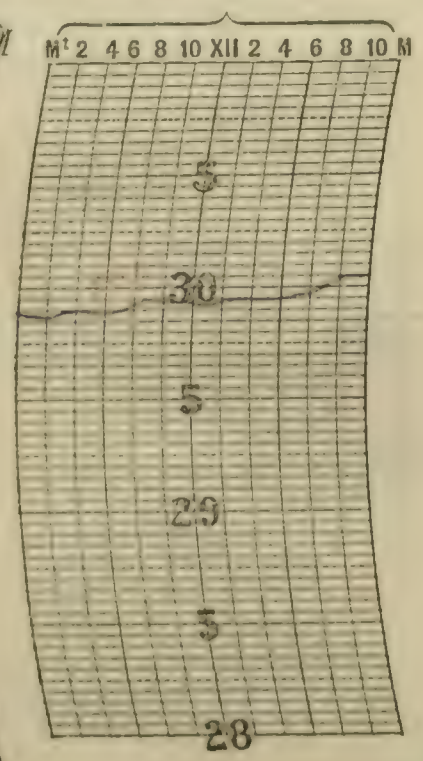
Reduced barometer, 30.53 a. m. p. m.

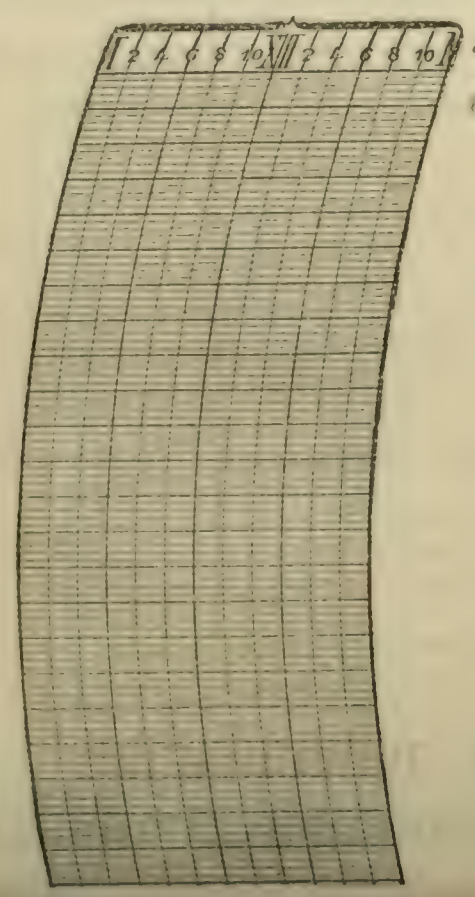
River gage, Low 17.5 inches

NOTES.

A solar halo was observed from 4:50 pm to 5 pm.







Prepared by [illegible]

Verified by [illegible]

Form No. 1014—Met. I.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) MAR 5 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	11	10	9	8	+1 8	8	+1 9	10	13	17	19	22	24	25	+2 26	25	24	22	20	18	14	13	11	11
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Moon visible										Clear											Moon visible		
Sunrise: Time, Character,	6:24 Clear																				Sunset: Time, 5:51	Character, Clear		
Sunshine (in tenths of hours)							.60 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4 0.6	.85 0						
Wind direction	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	12	9	12	7	12	12	12	11	13	15	16	14	14	15	16	13	13	14	13	12	8	7	6	7
Maximum velocities (exceeding ---- miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
26	8	17	3 —

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 3.2 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 1

Actual sunshine, hours, 11.4

Possible sunshine, hours, 11.4

Percentage of possible sunshine, 100

Prevailing direction Northeast

Total movement, 283

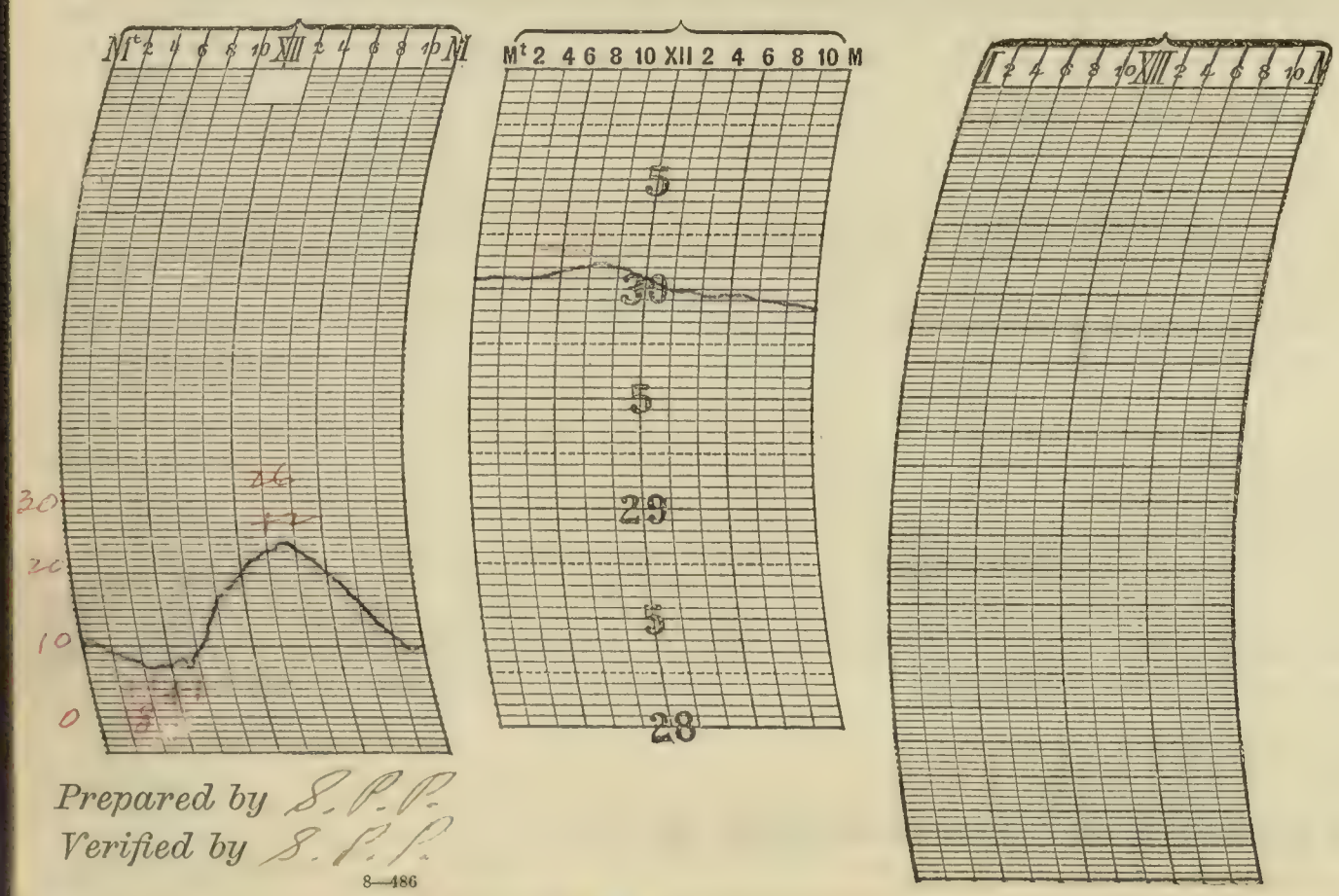
Average hourly velocity, 11.8

Maximum velocity,	Direction,	Time.
18	NE	9:21 am
Extreme vel., 19	NE	10:53 am

Relative humidity, 84 a. m. ---- p. m.

Reduced barometer, 30.69 a. m. ---- p. m.

River gage, —



NOTES.

Prepared by S. P. P.
Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) MAR 6 1912 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	11	9	10	8	6	6	+1 6	6	14	18	23	25	29	31	31	31	+1 31	30	29	28	26	25	23	22
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	10 cover visibl.									Clear						X P.H.C.	X Clear							
Sunrise: Time, Character,	6:22 Clear																				Sunset: Time, Character, 5:58 Cloudy			
Sunshine (in tenths of hours)							.63 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3 0.7	.3 0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	SE	E	E	E	E	E	E	E	SE	E	E	NE	NE
Wind movement	5	7	6	5	3	4	4	5	5	5	—	—	6	6	6	6	7	5	4	6	6	5	6	8
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts.

	Maximum.	Minimum.	Mean.	Normal.
Temperature	32	0	17	—

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 1.4 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10)

Actual sunshine, hours, 11.2

Possible sunshine, hours, 11.5

Percentage of possible sunshine, 97

Prevailing direction East

Total movement, 134

Average hourly velocity, 5.6

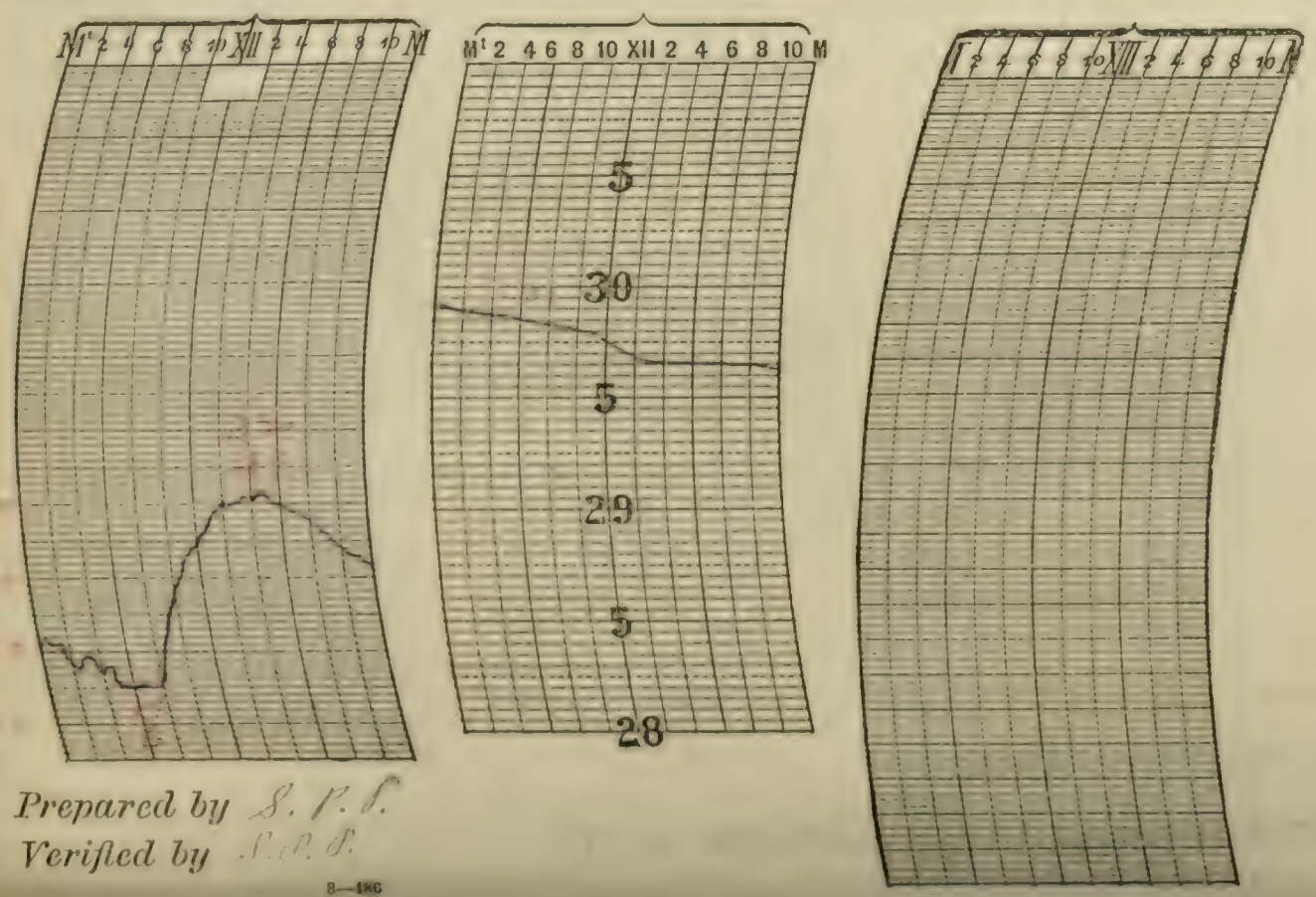
Maximum velocity.	Direction.	Time.
10	E	9.36 a.m.
	10 E-9	

Relative humidity, 92 a. m. p. m.

Reduced barometer, 30.43 a. m. p. m.

River gage,

NOTES.



Prepared by S. P. S.
Verified by S. P. S.

8—186

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) MAR 7 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	21	20	18	17	17	18	+1 19	21	22	26	27	30
State of weather: Nature of precipitation and time of beginning and ending								5:20 B 7:50	5:20 E 8:09			
Amounts of precipitation								T				
Cloudiness and other conditions								Cloudy				
Sunrise: Time, Character,	6:24 Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E
Wind movement	5	4	6	8	8	6	5	4	5	4	5	5
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	33	34	+1 34	34	34	33	32	32	32	32	32
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, Character,									5:54 Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	E	E	E	SE	SE	E	E	NE	E	NE	NE	NE
Wind movement	5	5	5	4	3	3	4	6	3	4	4	3
Maximum velocities (exceeding 25 miles) direction and time												

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
34	16	25	32

Total depth of snow for 24 hours ending 7 p. m., 1 inches.

Snow on ground 7 p. m., 0.7 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 11.6

Percentage of possible sunshine, 0

Prevailing direction Northeast

Total movement, 114

Average hourly velocity, 4.8

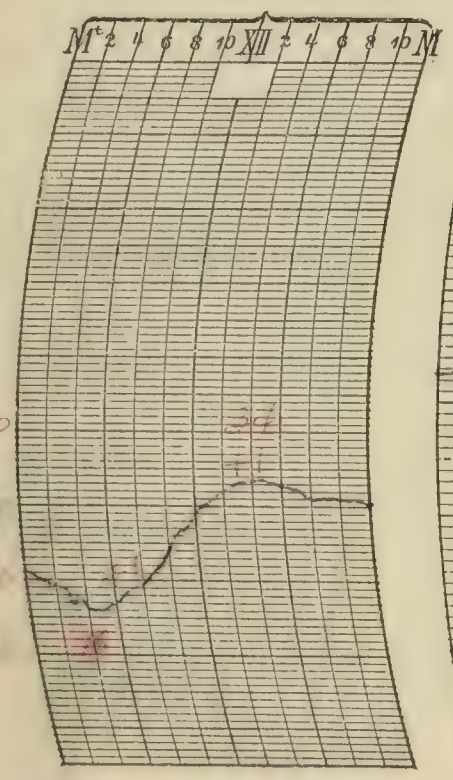
Maximum velocity,	Direction,	Time.
9	NE	4:31 am
Extreme vel., 9	NE	4:31 am

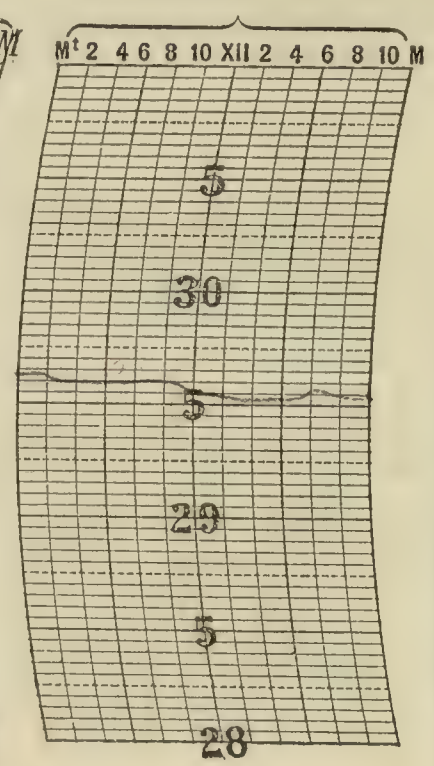
Relative humidity, 90 a. m. p. m.

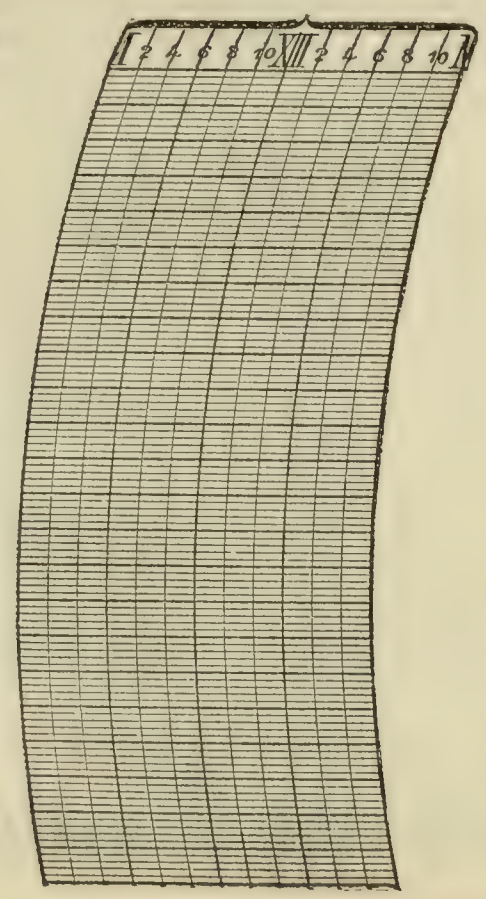
Reduced barometer, 30.19 a. m. p. m.

River gage,

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.







NOTES.

Prepared by S. P. P.
Verified by S. P. P.

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) MAR 2 1906, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	30	30	30	30	29	30	30	30	31	32	32
Nature of precipitation and time of beginning and ending												
Amounts of precipitation											T	
Cloudiness and other conditions									Cloudy			
Sunrise: Time, Character,	6:19 Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0.7	0.7
Wind direction	NE	NE	N	N	N	NW	NW	NW	N	N	N	N
Wind movement	2	3	4	3	3	6	7	9	8	12	10	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	31	30	30	28	28	28	27				
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, Character,									5:55 Cloudy			
Sunshine (in tenths of hours)	0.1	1.0	0.2	0	0	0						
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N
Wind movement	12	14	13	14	13	11	11	7	6	7	5	6

Note of weather.

Excessive precipitation, accumulated amounts.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
32	19	26	33

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0.5 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 1 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy; Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 2.7

Possible sunshine, hours, 11.6

Percentage of possible sunshine, 23

Prevailing direction, North

Total movement, 198

Average hourly velocity, 8.2

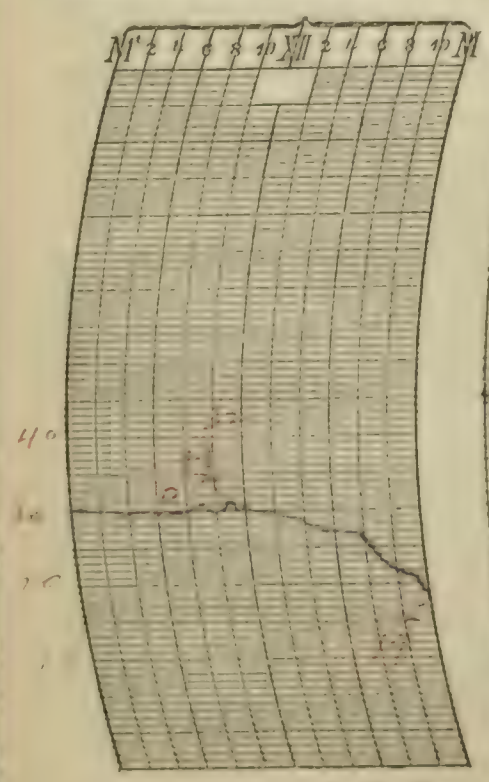
	Maximum. velocity,	Direction,	Time.
	17	NE	5:05 pm
Extreme vel.:	19	N	5:10 pm

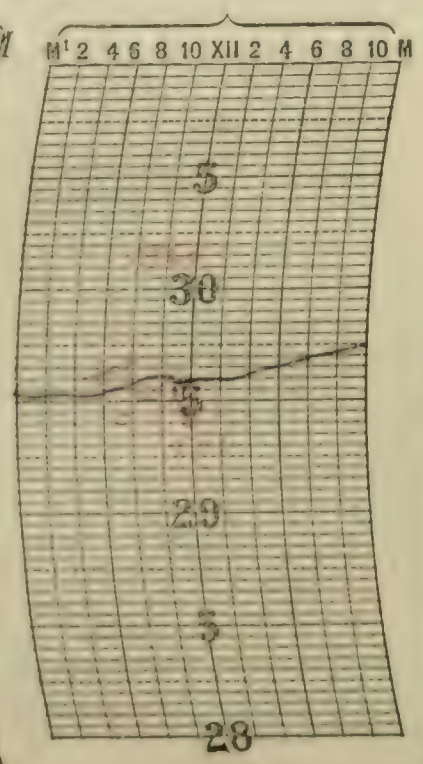
Relative humidity, 78 a. m. p. m.

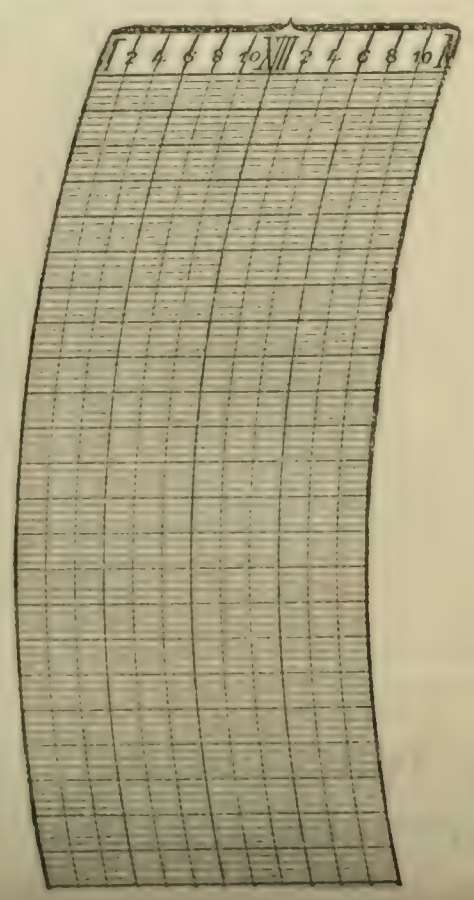
Reduced barometer, 30.16 a. m. p. m.

River gage,

NOTES.







Prepared by S. P. C.

Verified by S. H. V.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) MAR 9 1912, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	17	16	14	12	11	11	11 +1	11	14	19	22	24	26	25	26 +	26	24	22	21	21	20	19	17	16
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Moon visible											clear												
Sunshine (in tenths of hours)							.72 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.93 0						
Wind direction	W	N	N	W	W	W	W	W	W	N	W	N	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	8	9	8	5	3	3	3	4	4	3	4	5	5	9	10	10	10	11	7	6	6	5	6	8
Maximum velocities (exceeding 25 miles) direction and time																								

Sunrise: Time, 6:17 Character, Clear

Sunset: Time, 5:56 Character, Clear

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
27	11	19	33

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0.4 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10)

Actual sunshine, hours, 11.6

Possible sunshine, hours, 11.6

Percentage of possible sunshine, 100

Prevailing direction West

Total movement, 152

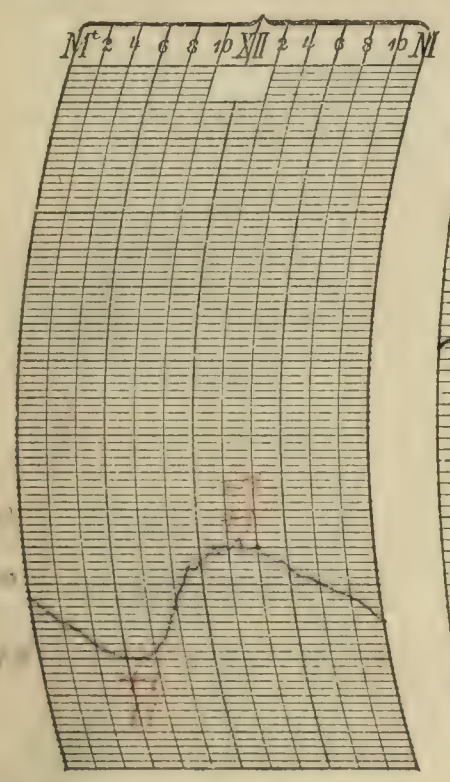
Average hourly velocity, 6.3

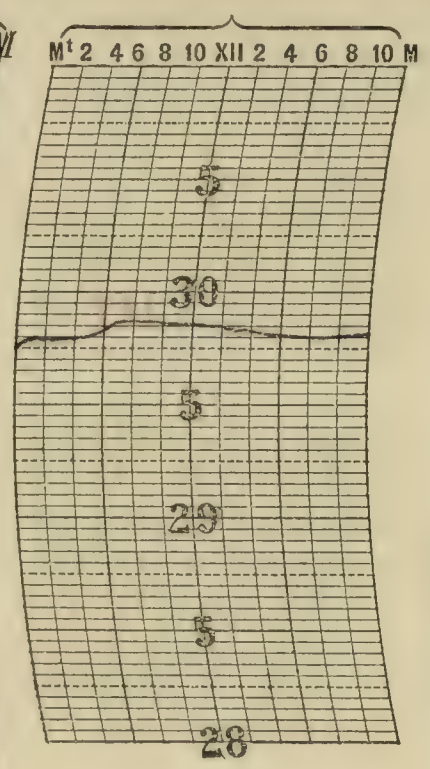
Maximum velocity,	Direction,	Time.
14	W	5:47 pm
Extreme vel., 14	W	5:47 pm

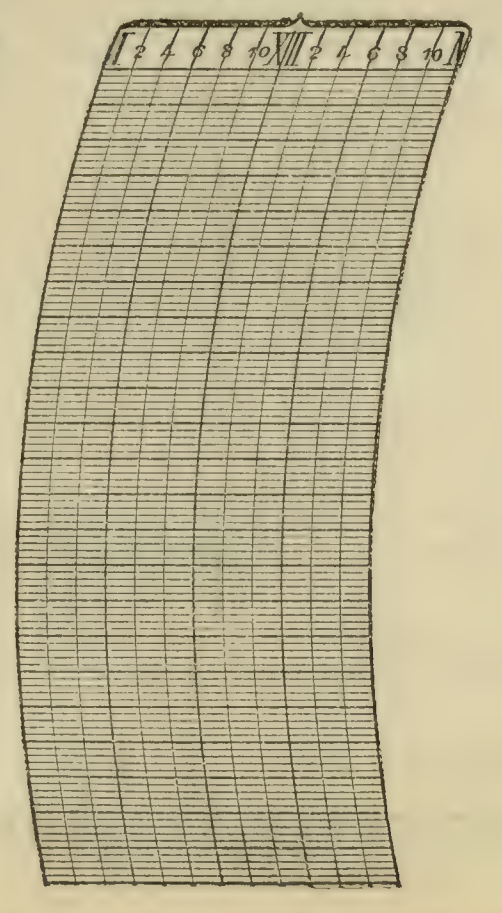
Relative humidity, 81 a. m. ____ p. m.

Reduced barometer, 30.76 a. m. ____ p. m.

River gage,







NOTES.

Prepared by S. P. S.
Verified by S. P. S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) MAR 10 1912, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	15	13	13	11	11	10	10	11	15	21	24	27
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Hazy					Clear				Partly		
Sunrise: Time, Character,	6:16 Clear											
Sunshine (in tenths of hours)							.73 0	0.2 0.8	1.0	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	7	6	4	4	4	4	4	4	5	5	6	1
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	28	29	29	29	28	27	27	27	28	27	28	28
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Partly		Cloudy									
Sunset: Time, Character,									5:57 Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.1	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SE	SE	SE	SE
Wind movement	9	9	9	7	6	7	4	3	3	4	4	2

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
30	10	20	34

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0.2 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ☾ 1st Q.

Average daily cloudiness (0-10) 5

Actual sunshine, hours, 7.8

Possible sunshine, hours, 11.7

Percentage of possible sunshine, 84

Prevailing direction West

Total movement, 126

Average hourly velocity, 5.2

Maximum. velocity,	Direction,	Time.
12	SW	1:20 p.m.
Extreme Vel., 12	SW	1:20 p.m.

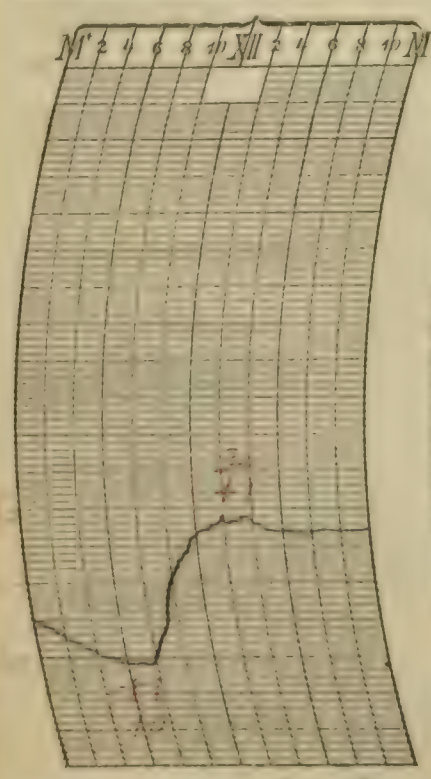
Relative humidity, 94 a. m. ____ p. m.

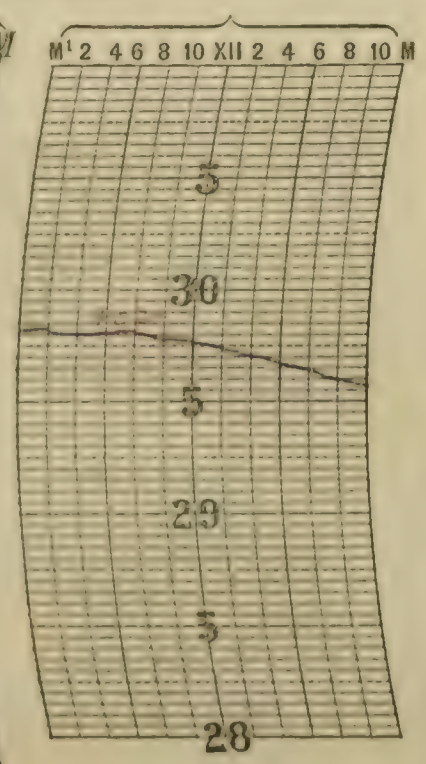
Reduced barometer, 30.43 a. m. ____ p. m.

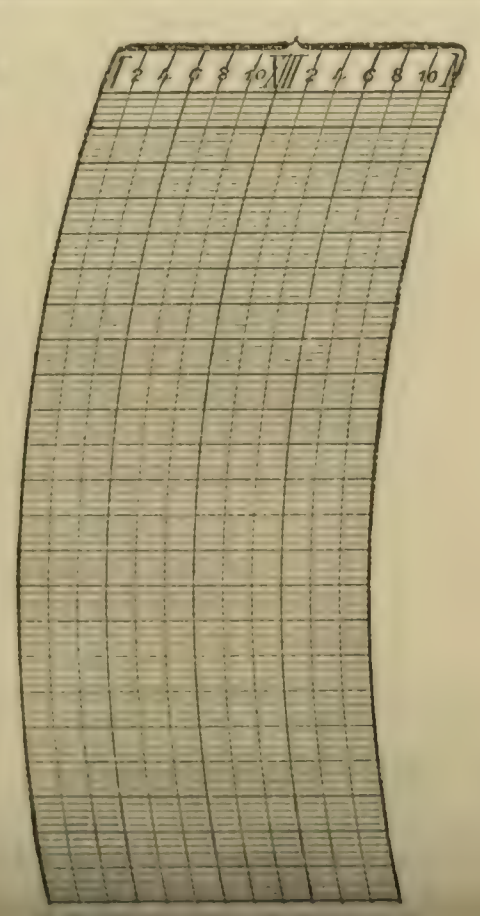
River gage, —

Excessive precipitation, accumulated amounts.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.







NOTES.

Prepared by S. P. P.

Verified by S. P. P.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Monday, (Date) MAR 11 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	28	27	27	25	24	24 (+1)	24	25	26	26	27
State of weather: Nature of precipitation and time of beginning and ending			5 24 DD Sn									
Amounts of precipitation					.03		*				.22	
Cloudiness and other conditions										Cloudy		
Sunrise: Time, Character,	6:14 Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SE	SE	SE	SE	SE	SE	E	E	E	E	E	E
Wind movement	3	4	3	5	6	6	8	9	12	10	9	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	30	31	31	31 (+2)	31	30 (+2)	30	30	30	30	29
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation							*		* .02			
Cloudiness and other conditions												
Sunset: Time, Character,									5:58 Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	E	E	E	E	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	11	11	10	10	10	9	8	10	10	11	9	11

Maximum velocities (exceeding 25 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	31	24	28	34

Total depth of snow for 24 hours ending 7 p. m., 3.4 inches.

Snow on ground 7 p. m., 3.6 inches. *

Total snowfall, midnight to midnight, 3.8 inches.

Precipitation to 7 a. m., .03 ins.; to 7 p. m., .22 ins.

Total precipitation, midnight to midnight, .27 * inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10)

Actual sunshine, hours, 0

Possible sunshine, hours, 11.7

Percentage of possible sunshine, 0

Prevailing direction East

Total movement, 205

Average hourly velocity, 8.5

	Maximum velocity,	Direction,	Time.
Extreme velocity,	14	E	2:03 pm
	15	E	2:02 pm

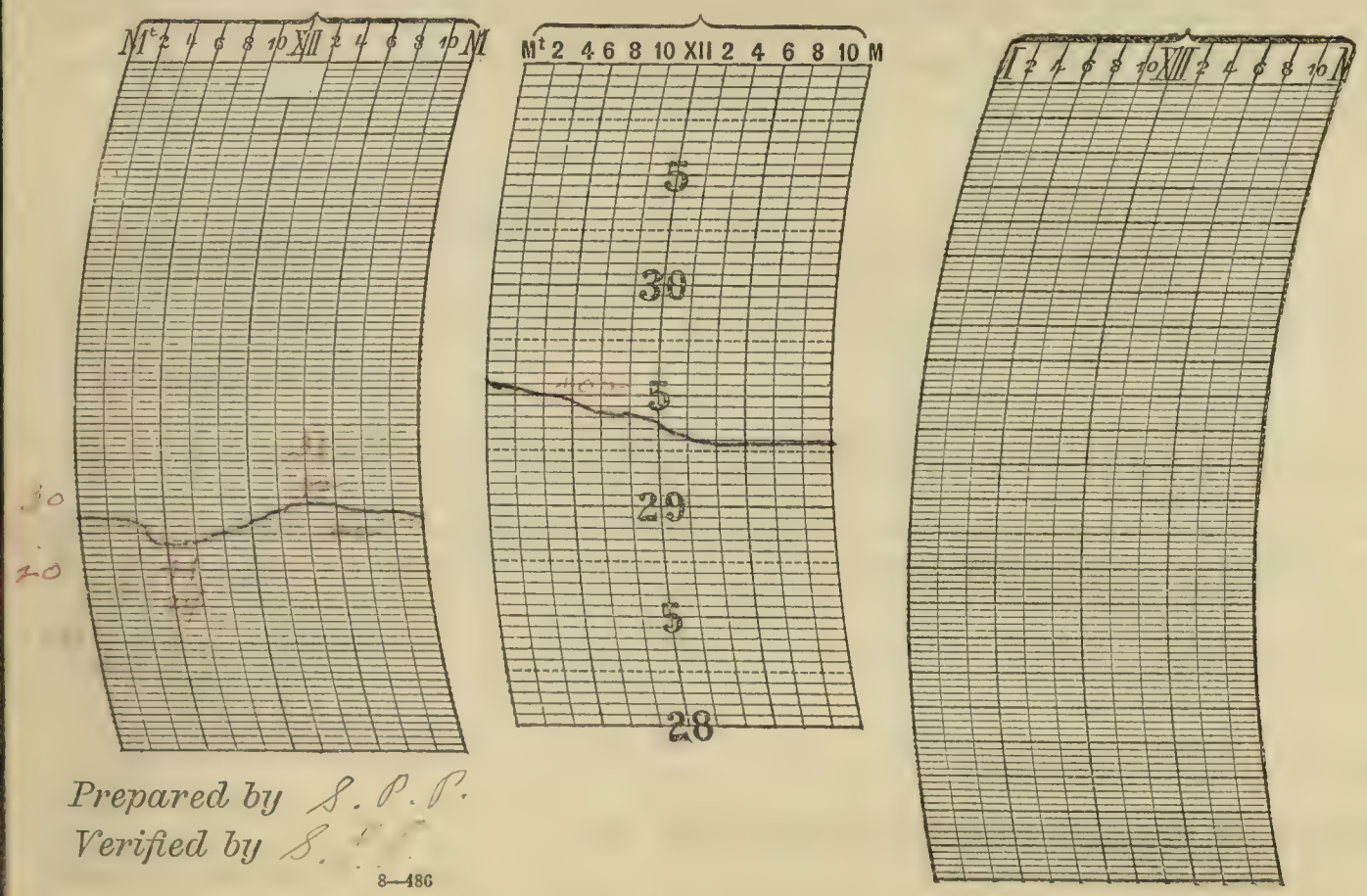
Relative humidity, 98 a. m. p. m.

Reduced barometer, 30.06 a. m. p. m.

River gage, — Dec 17.0 inches

* Estimated.

NOTES.



Prepared by S. P. P.

Verified by S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) MAR 13 1912, 191

Time (local standard), 75 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	25	25	28	28	28	27	27	28	29	31	32	32
			S	E	D	Ra		S	S			
								7:10	8:24			
State of weather: Nature of precipitation and time of beginning and ending			*									
Amounts of precipitation			.01		T			T				
Cloudiness and other conditions							Rain	Fog				
Sunshine (in tenths of hours)							0	0	0	0.7	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	12	11	11	11	12	15	16	15	16	17	16	11

Sunrise: Time, 6:12; Character, Cloudy

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	35	35	35	35	34	31	30	28	26	25	23	21
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.1 / 0.7	.98 / 0						
Wind direction	NE	NE	NE	NE	N	N	NE	N	NE	NE	NE	NE
Wind movement	19	16	18	16	13	13	12	7	7	4	3	2

Sunset: Time, 5:57; Character, Clear

Maximum velocities (exceeding 25 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
35	21	28.5	35

Total depth of snow for 24 hours ending 7 p. m., 0.6 inches.

Snow on ground 7 p. m., 0.6 inches.

Total snowfall, midnight to midnight, 0.5* inches.

Precipitation to 7 a. m., .03 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .01* inches.

Character of day PC Cdy Moon phase,

Average daily cloudiness (0–10) 6

Actual sunshine, hours, 8.7

Possible sunshine, hours, 11.5

Percentage of possible sunshine,

Prevailing direction Northeast

Total movement, 299

Average hourly velocity, 12.5

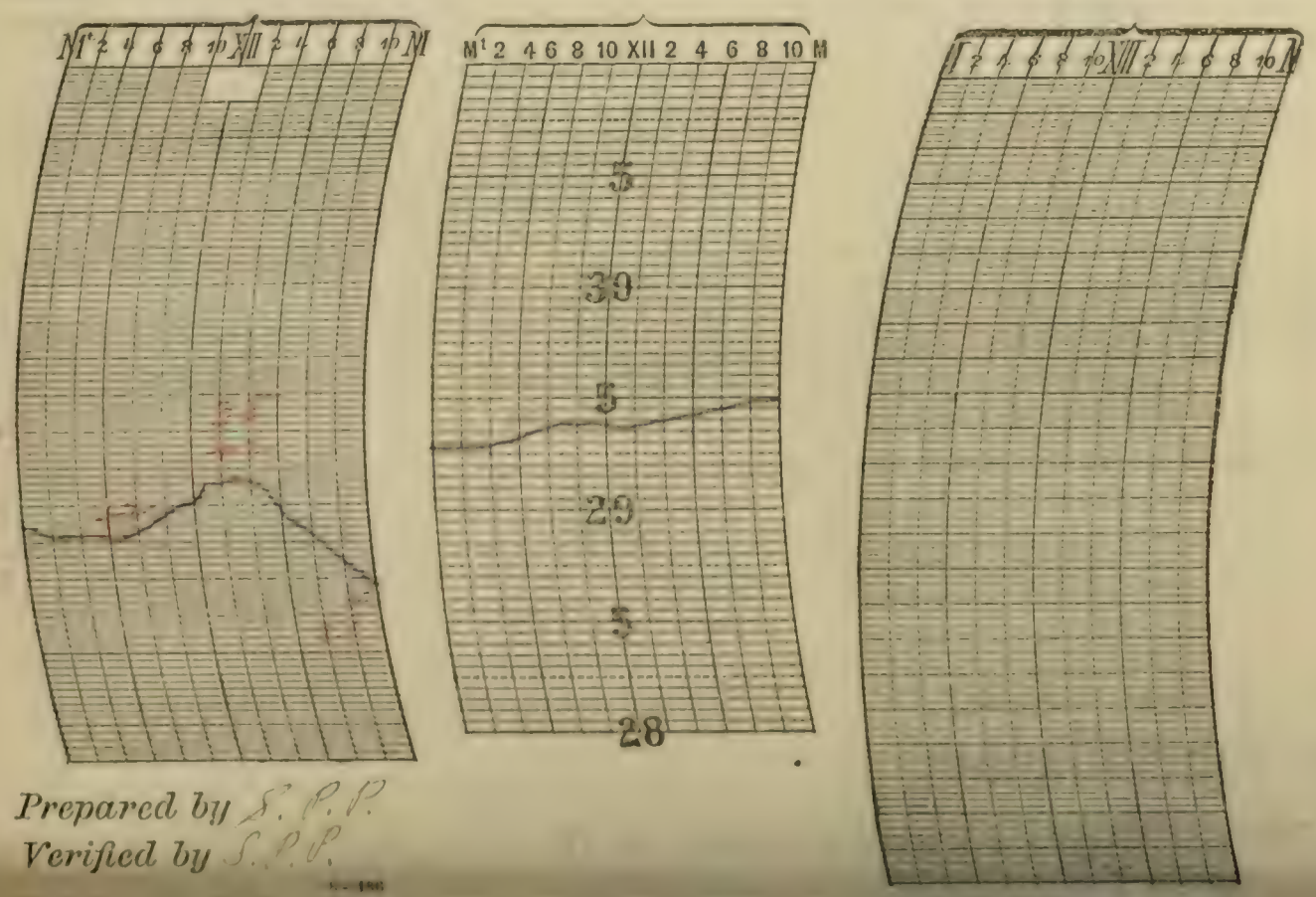
	Maximum velocity.	Direction.	Time.
	25	NE	12-1 pm
Extreme Vel.	24	NE	12-1 pm

Relative humidity, a. m. p. m.

Reduced barometer, a. m. p. m.

River gage,

NOTES.



Prepared by S. P. P.

Verified by S. P. P.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) MAR 13 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	21	20	20	19	19	18	18	19	19	22	27	28
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy					Clear		
Sunrise: Time, Character,	6:11 Cloudy											
Sunshine (in tenths of hours)							0	0	0	0.5	1.0	1.0
Wind direction	N	NE	N	N	NE	N	NW	NW	W	W	SW	SW
Wind movement	4	3	3	4	5	3	4	3	5	3	4	6
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	34	35	36	34	33	32	30	30	31	31	30
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, Character,									6:00 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0 / 0.8	1.00 / 0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SE	S	S
Wind movement	5	7	7	7	8	5	5	3	2	4	2	3
Maximum velocities (exceeding 25 miles) direction and time												

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
36	18	27	25

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, — inches.

Character of day, Partly cloudy Moon phase,

Average daily cloudiness (0-10) 4

Actual sunshine, hours, 8.5

Possible sunshine, hours, 11.8

Percentage of possible sunshine, 72

Prevailing direction Southwest

Total movement, 107

Average hourly velocity, 4.5

	Maximum velocity,	Direction,	Time.
Highest	11	SW	2:53 pm
Fastest mile	11	SW	2:53 pm

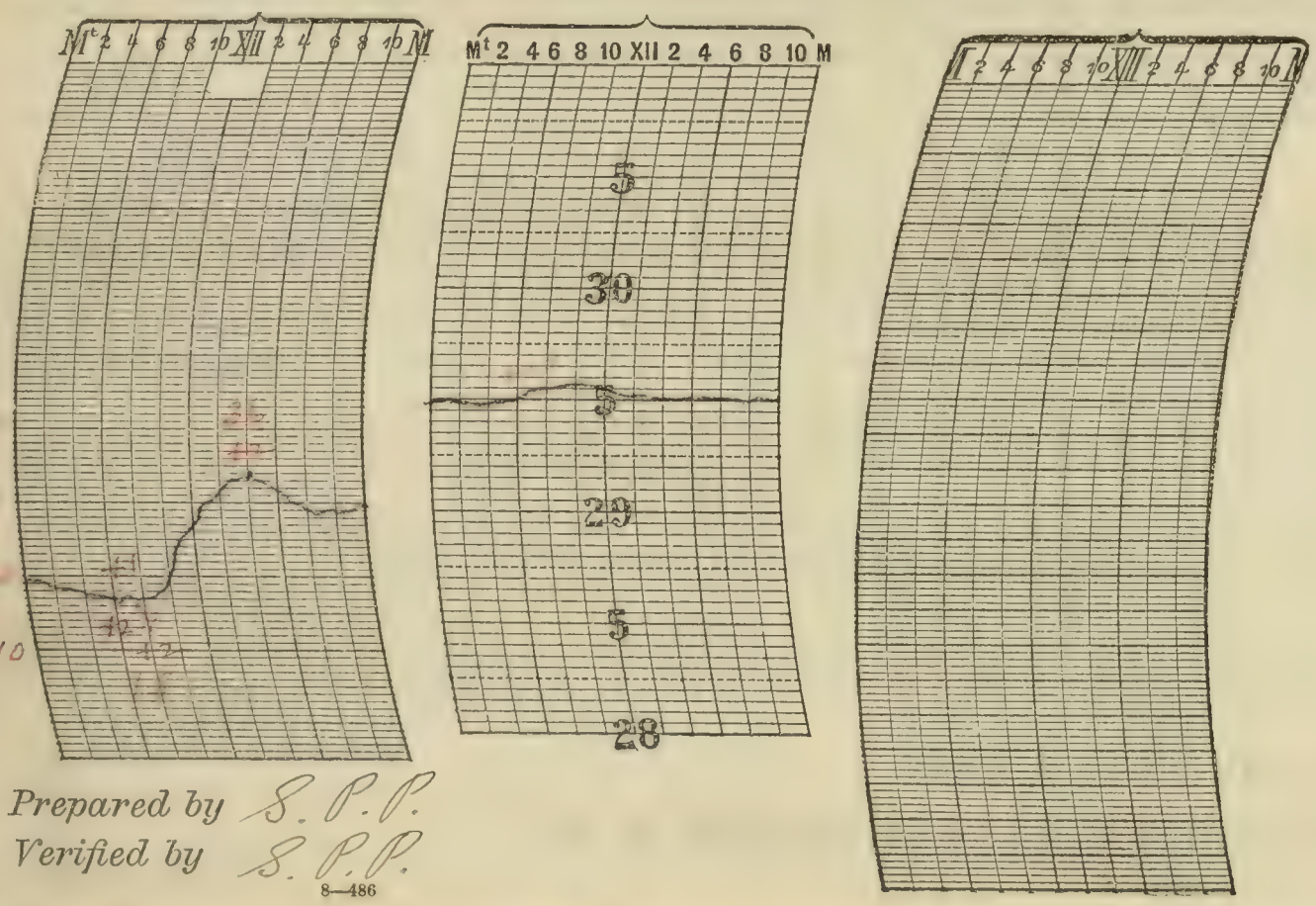
Relative humidity, 97 a. m. ____ p. m.

Reduced barometer, 30.17 a. m. ____ p. m.

River gage, —

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.



NOTES.

Prepared by S. P. P.
Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LASALLE, ILL., (Day of week) Thursday, (Date) MAR 14 1912 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	30	30	29	27	29	30	31	32	33	32	33	34	31	31	31	31	31	31	31	31	31	31	31
State of weather: Nature of precipitation and time of beginning and ending													Snow 12:06								*			
Amounts of precipitation													←			.29			×		.18			
Cloudiness and other conditions													Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0	0	0					
Wind direction	SE	SE	SE	SE	E	E	E	E	E	NE	NE	E	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	2	2	1	4	6	6	8	9	11	12	13	13	12	12	15	13	14	14	12	14	15	15	18	17
Maximum velocities (exceeding 25 miles) direction and time																								

Sunrise: Time, 6:09 Character, Cloudy

Sunset: Time, 6:01 Character, Cloudy

Maximum.	Minimum.	Mean.	Normal.
34			

Total depth of snow for 24 hours ending 7 p. m., 3.0 inches.

Snow on ground 7 p. m., 3.0 inches. *

Total snowfall, midnight to midnight, 4.2 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .29 ins.

Total precipitation, midnight to midnight, .37 * inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 11.9

Percentage of possible sunshine, 0

Prevailing direction Northeast

Total movement, 258

Average hourly velocity, 10.8

Maximum velocity,	Direction,	Time,
26	NE	11:17 p.m.

Extreme Vel. 25 NE

Relative humidity, 85 a. m. p. m.

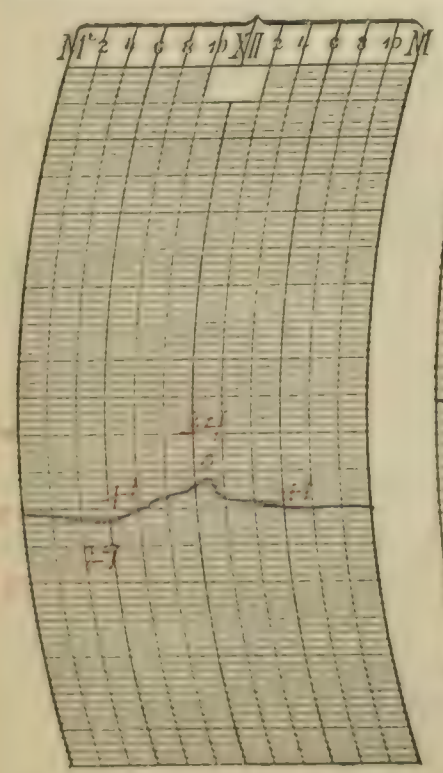
Reduced barometer, a. m. p. m.

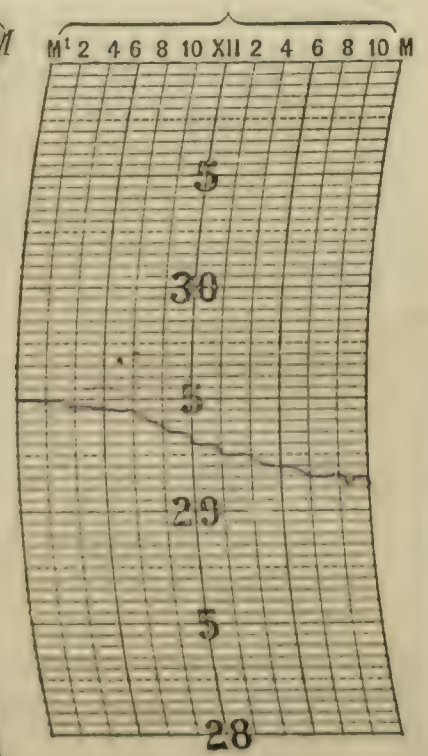
River gage,

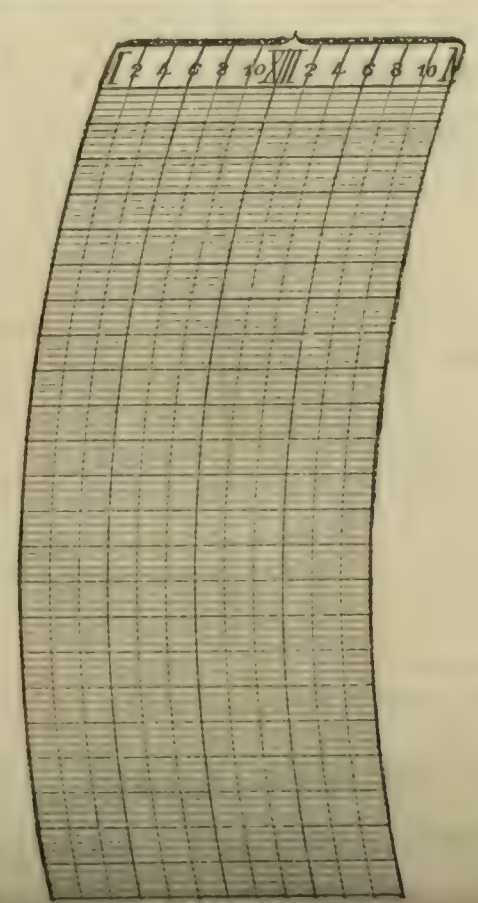
Excessive precipitation, accumulated amounts.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

* Extreme Vel.

NOTES.







Prepared by S. P. C.

Verified by S. P. C.

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) MAR 15 1912, 191 15

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	29	27	26	25	24	22	21	21	21	23	25	26	26	25	25	25	25	24	23	23	21	16	14
State of weather: Nature of precipitation and time of beginning and ending				*																				
Amounts of precipitation				.08						.04														
Cloudiness and other conditions					Cloudy								RC			Clear								
Sunshine (in tenths of hours)							0	0	0	0	0.4	1.0	1.0	1.0	1.0	1.0	0.8	0.7 0	0					
Wind direction	NE	NE	NE	NE	NE	NE	N	N	N	N	N	N	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	18	18	18	18	18	17	15	17	17	16	16	14	14	12	12	10	9	5	4	3	2	2	2	1

Temperature: 0 (6-7); +2 (9-10); +4 (12-1); 5 mi E 12:40

Sunrise: Time, 6:08; Character, Cloudy

Sunset: Time, 6:02; Character, Cloudy

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
31	14	22	36

Total depth of snow for 24 hours ending 7 p. m., 3.2 inches.

Snow on ground 7 p. m., 3.9 inches.

Total snowfall, midnight to midnight, 2.0* inches.

Precipitation to 7 a. m., .16 ins.; to 7 p. m., .04 ins.

Total precipitation, midnight to midnight, .12* inches.

Character of day, Partly Cloudy Moon phase,

Average daily cloudiness (0-10) 5

Actual sunshine, hours, 6.9

Possible sunshine, hours, 11.9

Percentage of possible sunshine, 58

Prevailing direction N., NE., W., NW.

Total movement, 278

Average hourly velocity, 11.6

Maximum velocity,	Direction,	Time.
23	N	5:55 am
Extreme vel. 24	N	6:25 am

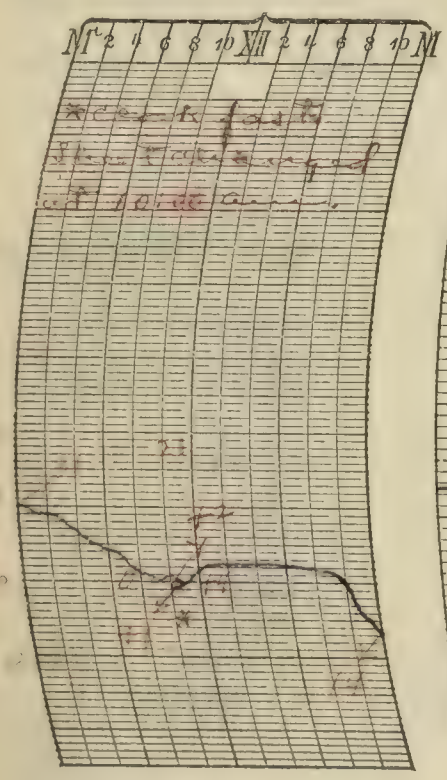
Relative humidity, 89 a. m. p. m.

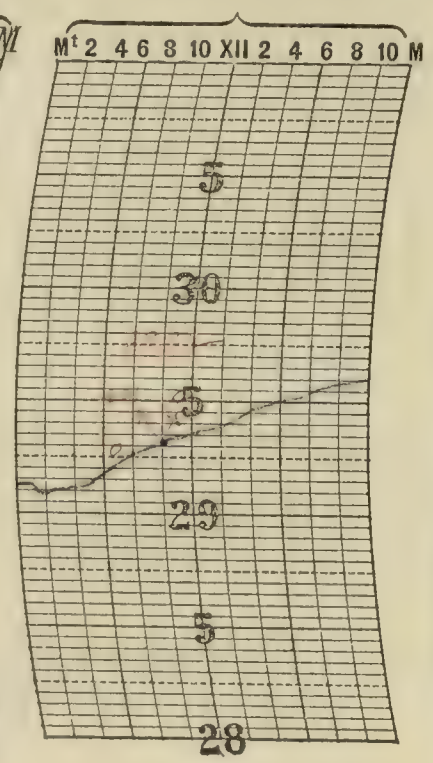
Reduced barometer, 29.80 a. m. p. m.

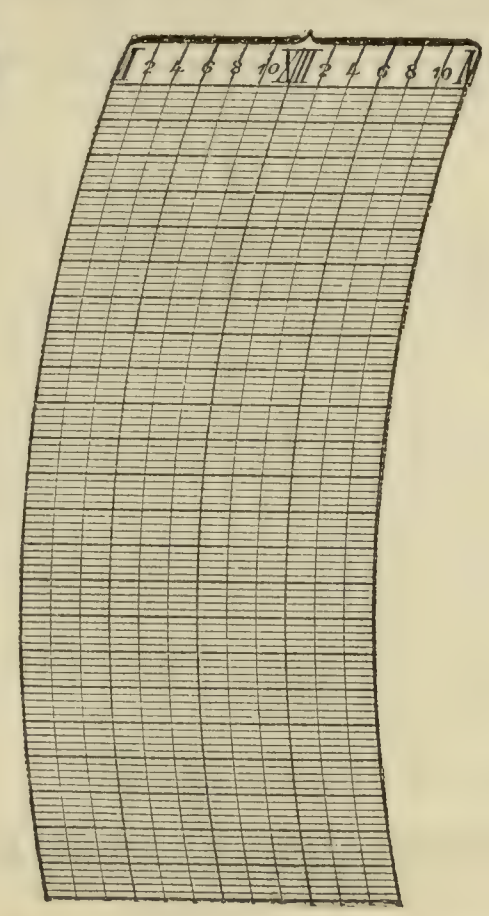
River gage,

*Estimated.

NOTES.







Prepared by S. P. S.
Verified by S. P. S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) MAR 16 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	13	10	9	8	9	9	10	13	23	28	30	34
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear					P.C.	
Sunshine (in tenths of hours)							.90 6	0.3 0.7	1.0	1.0	1.0	1.0
Wind direction	W	W	W	W	S	SE	SE	S	S	SW	SW	SW
Wind movement	3	1	2	1	3	3	3	4	6	11	17	15

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	39	40	40	39	38	37	36	36	36	36	
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear						
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.3 0.5	1.0 0	.05 0					
Wind direction	S	S	S	S	S	SE	SE	S	S	SE	S	SE
Wind movement	10	10	11	12	9	9	7	9	13	11	13	14

Sunrise: Time, 6:06 Character, Clear

Sunset: Time, 6:03 Character, Clear

Maximum velocities (exceeding 20 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
40	8	24	37

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0.8 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Partly Cloudy Moon phase,

Average daily cloudiness (0-10) 4

Actual sunshine, hours, 11.8

Possible sunshine, hours, 12.0

Percentage of possible sunshine, 98

Prevailing direction South

Total movement, 197

Average hourly velocity, 8.2

Maximum velocity, 19 Direction, S Time, 10:55 a.m. 10:55 a.m.

Extreme vel., 19-S

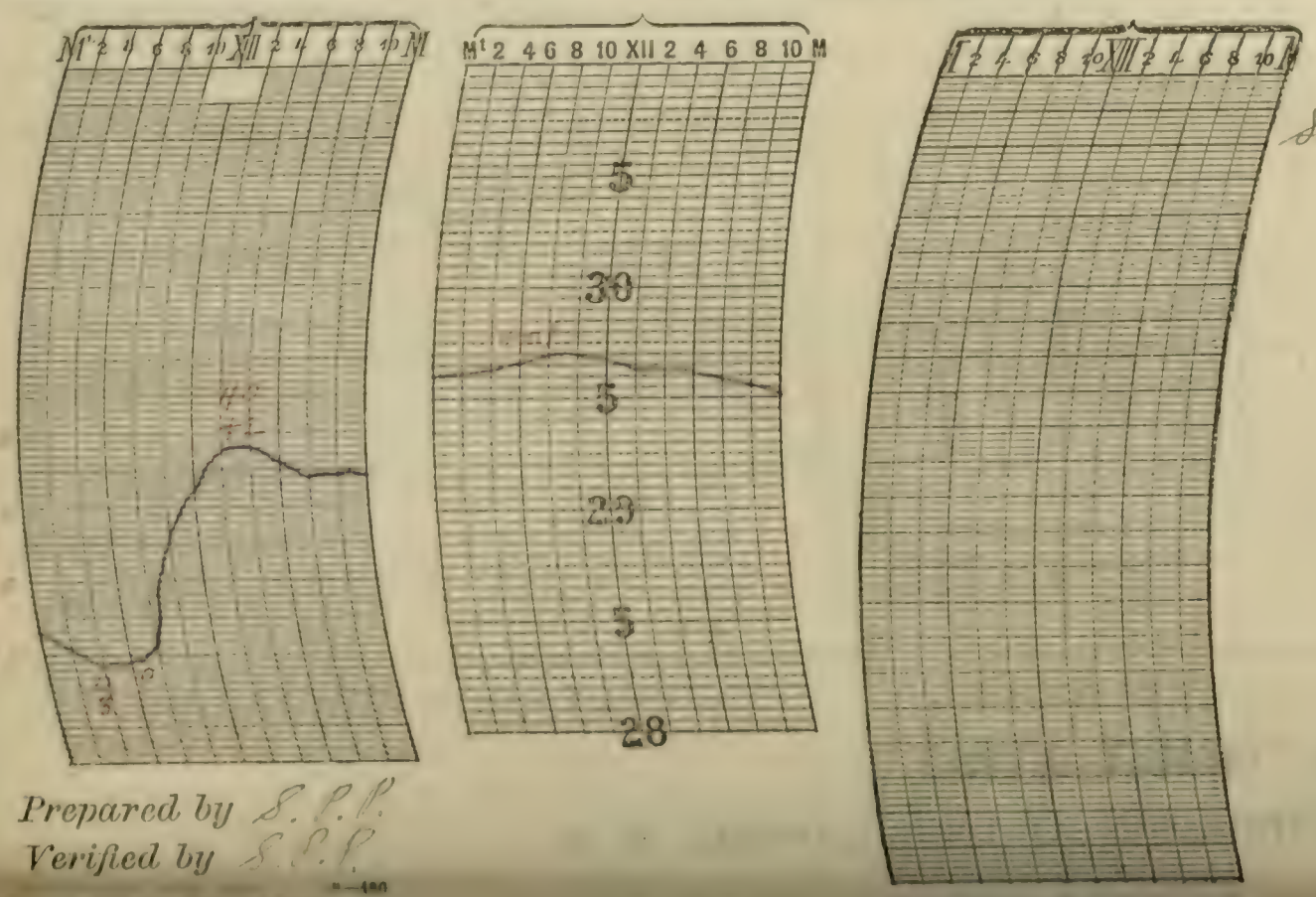
Relative humidity, 91 a. m. p. m.

Reduced barometer, 30.27 a. m. p. m.

River gage,

NOTES.

Solar halo observed at 5:20 p.m.



Prepared by S. P. P.

Verified by S. P. P.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) MAR 17 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	37	37	37	38	39	39 (+1)	40	40	42	43	45
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									Pt Cldy			
Sunrise: Time, Character, 6:04 Clear												
Sunshine (in tenths of hours)							.93 0	0.9 0.1	1.0	1.0	1.0	1.0
Wind direction	S	S	SE	S	S	S	SW	S	S	S	S	SW
Wind movement	10	8	5	5	7	8	7	13	15	15	15	16
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	50	50 (+2)	50	48	42	39	38	36	36	34	34
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Clear								
Sunset: Time, Character, 6:05 Clear												
Sunshine (in tenths of hours)	0.8	0.9	1.0	1.0	0.3 0.7	1.0 0	.08 0					
Wind direction	SW	SW	SW	SW	SW	W	W	W	W	W	W	W
Wind movement	16	20	20	21	18	14	13	14	14	13	10	9
Maximum velocities (exceeding 25 miles) direction and time				3:12 SW 26								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
50	34	42	37

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cldy Moon phase,

Average daily cloudiness (0-10) 5

Actual sunshine, hours, 11.7

Possible sunshine, hours, 12.0

Percentage of possible sunshine, 98

Prevailing direction SW

Total movement, 306

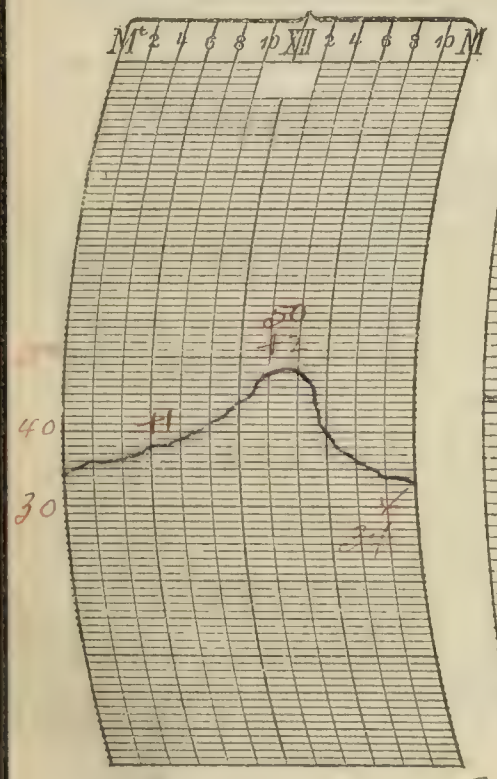
Average hourly velocity, 12.8

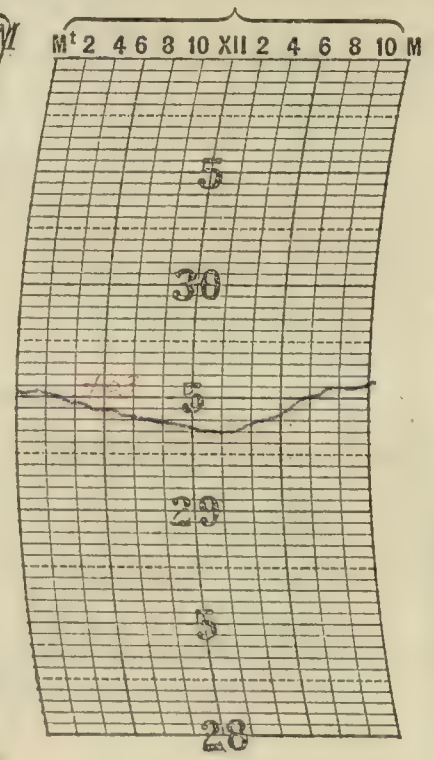
Maximum velocity,	Direction,	Time.
26	SW	3:12
Extreme vel. 26	26 - SW	3:12

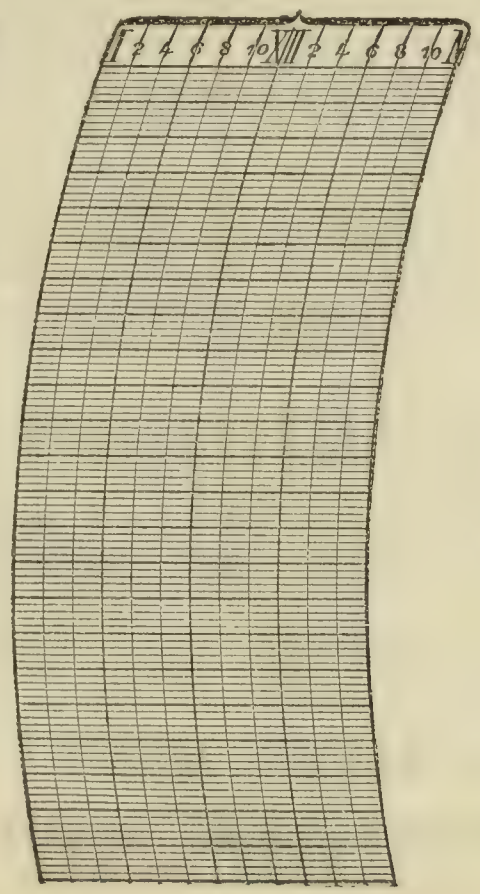
Relative humidity, 74 a. m. ____ p. m.

Reduced barometer, 30.05 a. m. ____ p. m.

River gage,







NOTES.

Prepared by S. P. P.
Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) MAR 13 1912 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	33	32	31	30	30 (+1)	29 (+1)	31	33	37	39	41	44	46	48	49	49 (+2)	48	46	43	42	41	42	42
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Clear			×	Cloudy				×	Cloudy		×	Clear							
Sunshine (in tenths of hours)	Sunrise: Time, 6:03 Character, Clear						.75 .10	0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3 0.7	1.0 0	.10 0		Sunset: Time, 6:06 Character, Clear			
Wind direction	W	W	W	W	SW	W	SW	SW	SW	SW	S	S	S	S	S	S	S	SE	SE	S	S	SW	SW	SW
Wind movement	8	5	6	6	5	3	4	6	8	5	6	7	8	8	8	6	6	6	5	4	3	3	4	7
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
49	29	39	35

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Partly cloudy Moon phase, [illegible]

Average daily cloudiness (0-10) 4

Actual sunshine, hours, 10.2

Possible sunshine, hours, 12.0

Percentage of possible sunshine, 85

Prevailing direction South

Total movement, 137

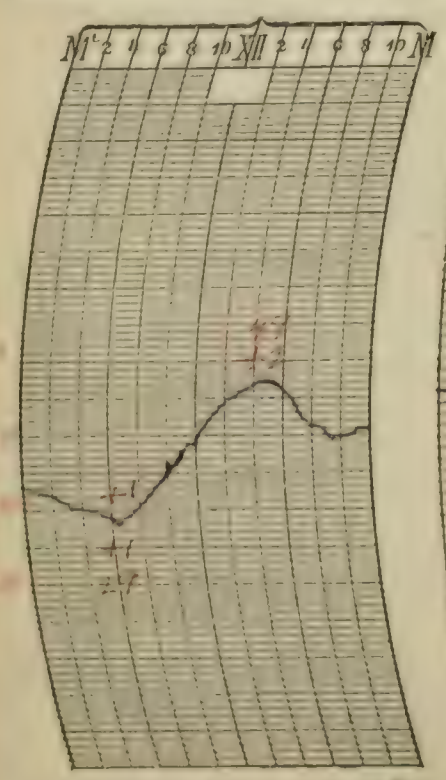
Average hourly velocity, 5.7

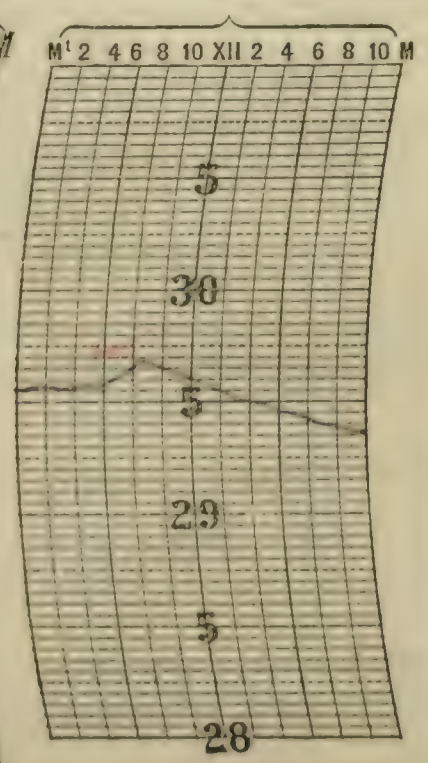
Maximum velocity,	Direction.	Time.
11	SW	1:23 pm
11	SW	1:23 pm

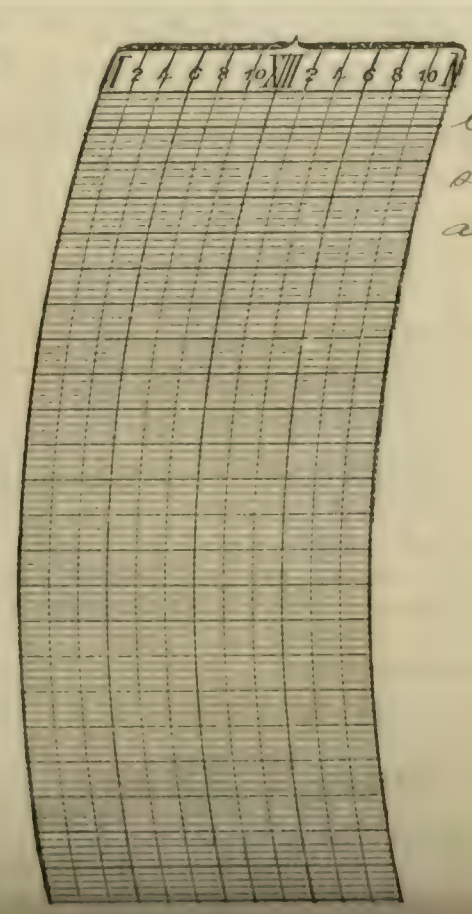
Relative humidity, 91 a. m. ____ p. m.

Reduced barometer, 30.23 a. m. ____ p. m.

River gage, 2.05, falling 5.3 above [illegible]







NOTES.

The ice in the river broke up early this morning and drifted down the stream. By night the river was almost free from ice.

Prepared by [illegible]

Verified by [illegible]

P—186

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) MAR 19 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	40	38	38	38	37	37 (+1)	40	42	48	49	51
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Cloudy					
Sunrise: Time, Character,	6:01 Cloudy											
Sunshine (in tenths of hours)							.30 0	0	0.2	0.9	0.2	0.1
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	SW	W	SW	SE
Wind movement	6	6	3	2	2	4	5	4	4	5	3	3

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	54	54 (+3)	54	52	50	46	43	41	38	35	33
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt Cldy				Clear							
Sunset: Time, Character,									6:07 Clear			
Sunshine (in tenths of hours)	0.6	0.9	1.0	1.0	.3 0.7	1.0 0	.12 0					
Wind direction	SW	SW	W	W	W	NE	W	W	NE	NE	NE	NE
Wind movement	5	5	9	10	10	11	8	9	10	10	8	14

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
55	33	44	38

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cldy Moon phase,

Average daily cloudiness (0-10) 6

Actual sunshine, hours, 7.3

Possible sunshine, hours, 12.1

Percentage of possible sunshine, 60

Prevailing direction Southwest

Total movement, 156

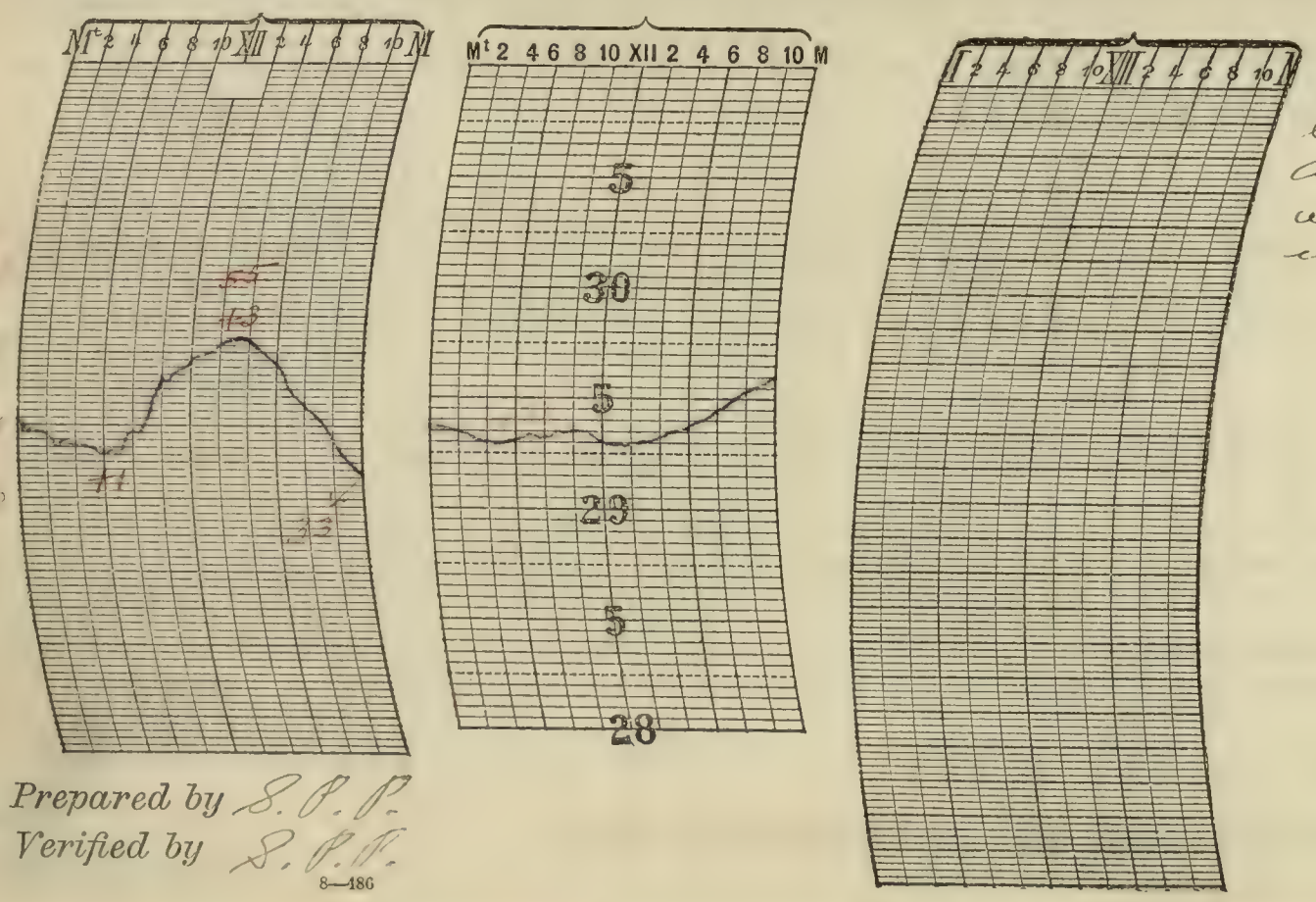
Average hourly velocity, 6.5

Maximum velocity,	Direction,	Time.
18	NE	11:27 pm
Extreme vel., 19	NE	11:26 pm

Relative humidity, 91 a. m. ____ p. m.

Reduced barometer, 29.95 a. m. ____ p. m.

River gage, 24.6, rising; 7 pm 25.2; 7 am 25.3



NOTES.

The forecast message, received at 8:53 am today, contained a cold wave warning. All interests were notified. The cold wave flag was hoisted at 8:55 am and was lowered again at 5 pm.

Prepared by S. P. P.
Verified by S. P. P.

8—186

Form No. 1011—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) MAR 20 1912 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	30	28	27	26	25	24	25	25	20	18	19
State of weather: Nature of precipitation and time of beginning and ending		R B D Ha R E D Ha					3	5 dB 7:10				
Amounts of precipitation		T								.24		
Cloudiness and other conditions											Cloudy	
Sunshine (in tenths of hours)	0	0	0	0	0	0	0	0	0	0	0	0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	18	21	22	22	22	22	22	20	23	23	25	21
Maximum velocities (exceeding 25 miles) direction and time		1:42 NE 26	2:44 NE 25	3:48 NE 27	4:13 NE 26	5:57 NE 27	6:33 NE 26	7:11 NE 26	8:50 NE 26	9:50 NE 27	10:12 NE 31	11:23 NE 27

Sunrise: Time, 5:59 Character, Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	18	11 18	18	18	19	20	11 21	21	22	[illegible]	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending		5 dE 1:55 Sl-S 5 dB 1:55	Sl-S dE 2:15 Sl B 2:15									
Amounts of precipitation					.25					.09		
Cloudiness and other conditions		Cloudy										
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	24	26	20	23	18	22	24	21	22	16	17	15
Maximum velocities (exceeding 25 miles) direction and time	12:35 NE 28	1:58 NE 32	2:02 NE 29	3:09 NE 28		5:57 NE 28	6:03 NE 30	7:12 NE 26	8:10 NE 27			

Sunset: Time, 6:08 Character, Cloudy

Excessive precipitation, accumulated amount	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
33	18	26	

Total depth of snow for 24 hours ending 7 p. m., 2.7* inches.

Snow on ground 7 p. m., 3.2* inches. 0.5 estimated to be sleet.

Total snowfall, midnight to midnight, 2.7* inches.

Precipitation to 7 a. m., T inches; to 7 p. m., .49 ins.

Total precipitation, midnight to midnight, .58* inches.

Character of day, Cloudy Moon phase.

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 12.2

Percentage of possible sunshine, 0

Prevailing direction Northeast

Total movement, 514

Average hourly velocity, 21.4

Maximum velocity,	Direction.	Time.
32	NE	1:58 p.m.
34	NE	1:57 p.m.

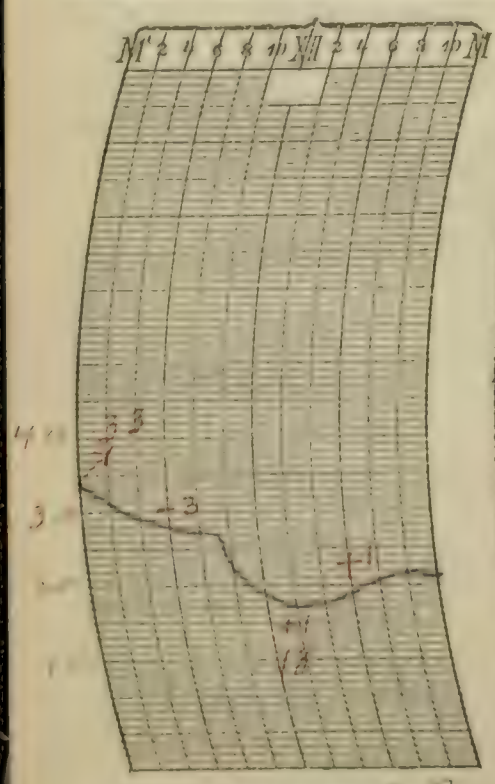
Extreme velocity

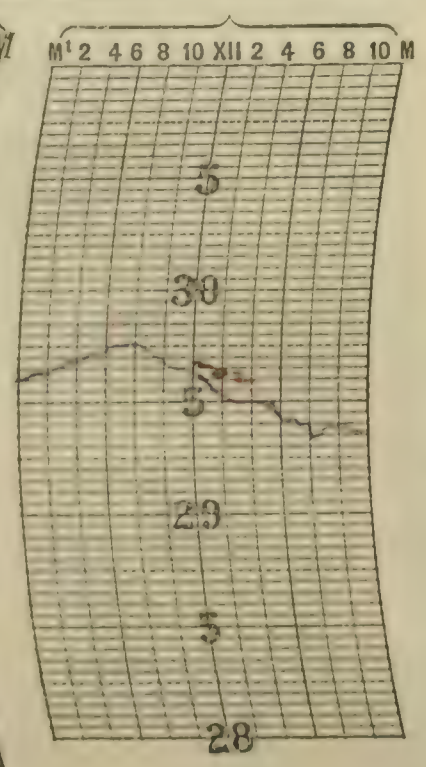
Relative humidity, 74 a. m. p. m.

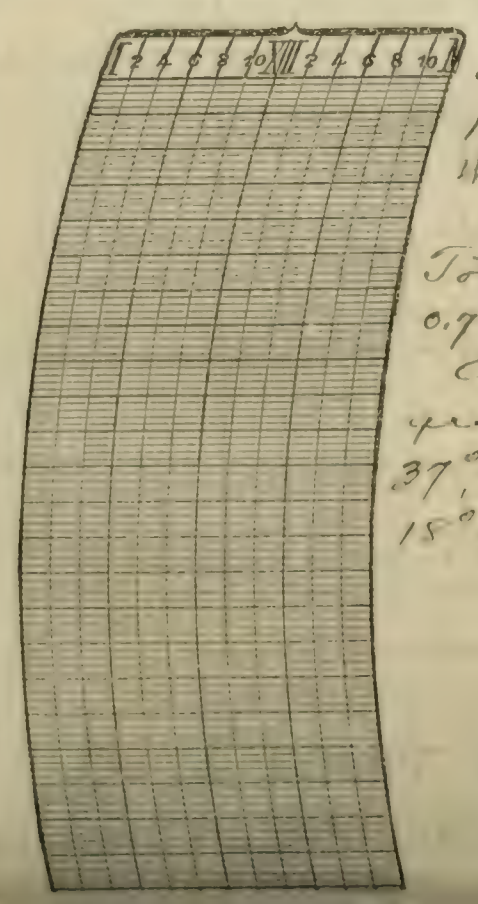
Reduced barometer, 30.33 a. m. p. m.

River gage, 25.8, rising; 5 p.m. 26.0 ft.

*Estimated.







Prepared by S. P. C.
Verified by S. P. P.

NOTES.

A special observation was taken at 1:40 p.m. today and telegraphed to Washington. Pressure fell rapidly.

Severe sleet storm occurred this date. Total amount of sleet was estimated to be 0.7 of an inch.

A cold wave occurred this date. The greatest 24 hour fall of temperature was 37°— from 55° at 3:15 p.m. on the 19th to 18° at 3:15 p.m. on the 20th.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) MAR 21 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	21	22	22	22	22	22	22 (+2)	23	24	23	24	25
State of weather: Nature of precipitation and time of beginning and ending		Se	ED	Ua				SD 7:18		SD 9:40		
Amounts of precipitation		* .02 →						←	T	→		
Cloudiness and other conditions								Cloudy				
Sunrise: Time, Character,	5:55 Cloudy											
Sunshine (in tenths of hours)						0	0	0	0	0.9	1.0	1.0
Wind direction	NE	NE	NE	NE	N	N	N	N	NW	NW	NW	NW
Wind movement	15	16	14	13	11	12	9	9	13	12	13	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	25	25	26	27 (+1.5)	27	25	25	24	24	23	
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy			Pt Cldy	Clear		P.C.	Clear	Moon visible			
Sunset: Time, Character,									6:09 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.4 / 0.6	1.0 / 0	.15 / 0					
Wind direction	NW	NW	NW	NW	NW	W	W	W	W	W	W	W
Wind movement	7	12	14	14	13	12	9	10	10	11	11	6

Maximum.	Minimum.	Mean.	Normal.
27	21	24	39

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 2.2 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., .11 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .02* inches.

Character of day, Pt Cldy Moon phase,

Average daily cloudiness (0-10) 6

Actual sunshine, hours, 9.0

Possible sunshine, hours, 12.2

Percentage of possible sunshine, 74

Prevailing direction Northwest

Total movement, 281

Average hourly velocity, 11.7

Maximum velocity,	Direction,	Time.
19	NE	1:27 am
Extreme vel. 22	NE	12:04 am

Relative humidity, 80 a. m. p. m.

Reduced barometer, 30.15 a. m. p. m.

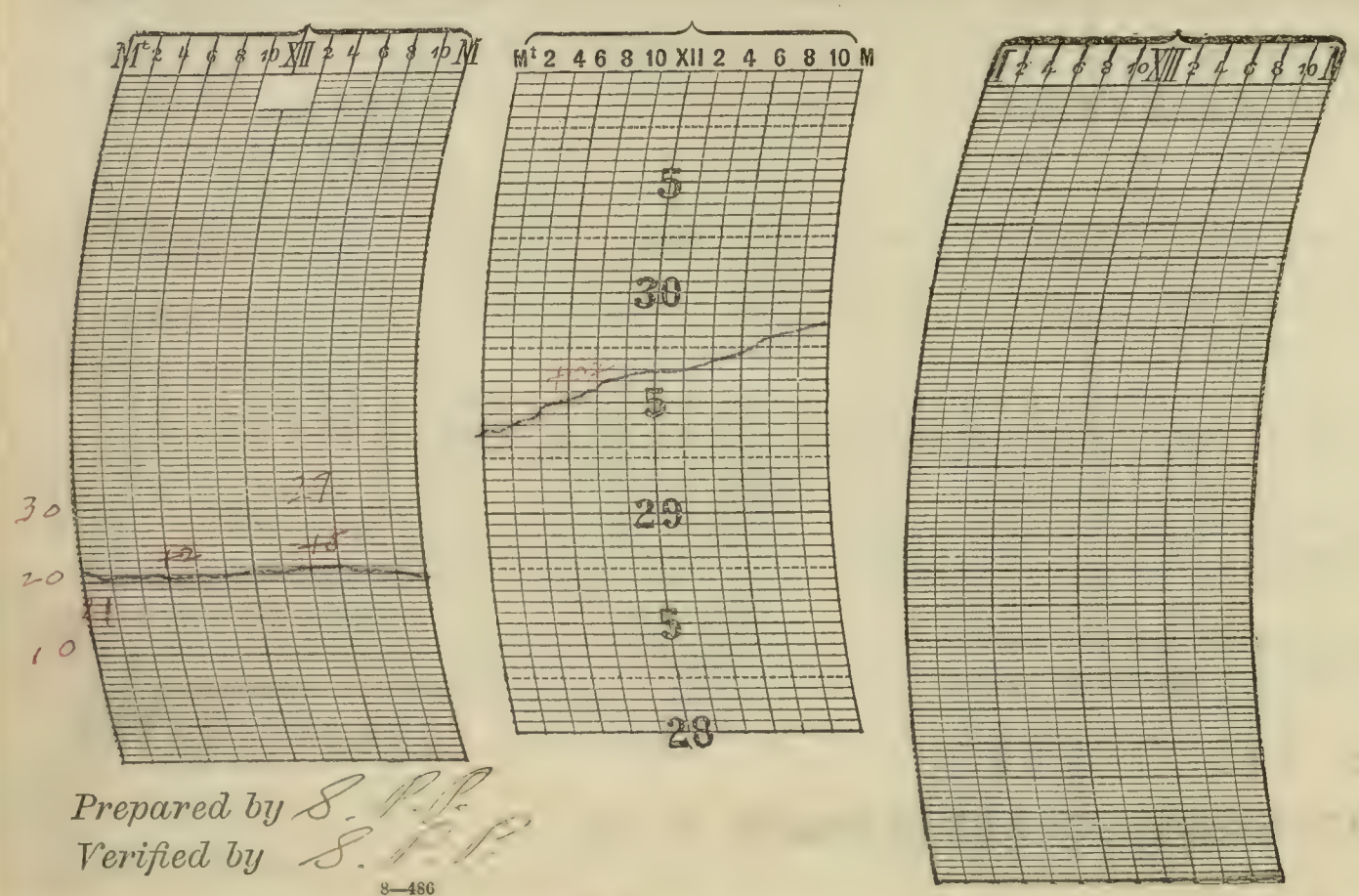
River gage, 26.1, rising

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

*Estimated.

NOTES.



Prepared by S. P. P.
Verified by S. P. P.

8—486

Form No. 1011—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) MAR 22 1912 191

Time (local standard), 75 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	21	20	18	16	15	12 (-1)	13	18	22	24 (+4)	26	27	29	29	29 (+1)	29	29	29	28	27	27	27	25
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions										Clear											Moon visible			
Sunshine (in tenths of hours)						.07 0	1.0 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4 0.6	1.0 0	.1 0					
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NE	E	SE	SE	S	S	S	E	S	SE	SE	SE	SE	SE	SE
Wind movement	8	7	7	5	3	4	3	4	4	6	6	5	3	5	5	5	6	5	4	3	4	3	2	3

Sunrise: Time, 5:56 Character, Clear

Sunset: Time, 6:10 Character, Clear

Maximum velocity (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
30	12	21	40

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 1.0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., ___ ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, ___

Average daily cloudiness (0-10), ___

Actual sunshine, hours, 12.2

Possible sunshine, hours, 12.2

Percentage of possible sunshine, 100

Prevailing direction Northwest

Total movement, 110

Average hourly velocity, 4.6

Maximum velocity,	Direction,	Time.
8	NW	12:2 a. m.
8	NW	12:2 a. m.

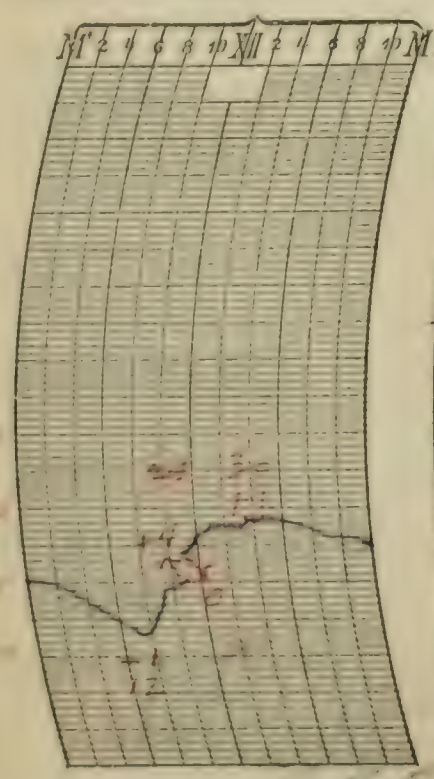
Relative humidity, 92 a. m. ___ p. m.

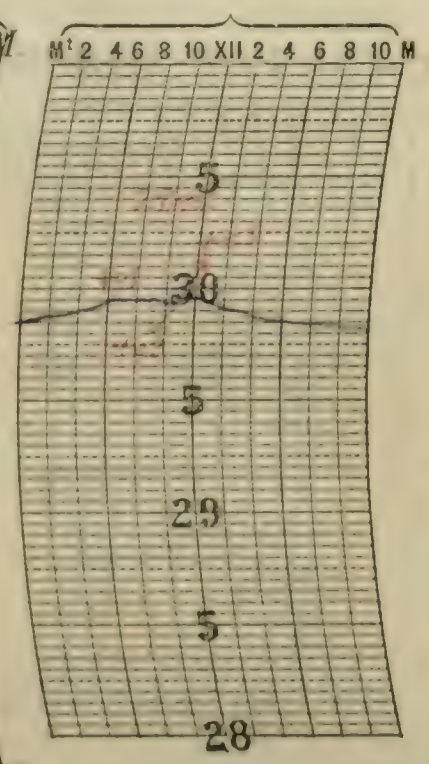
Reduced barometer, 30.57 a. m. ___ p. m.

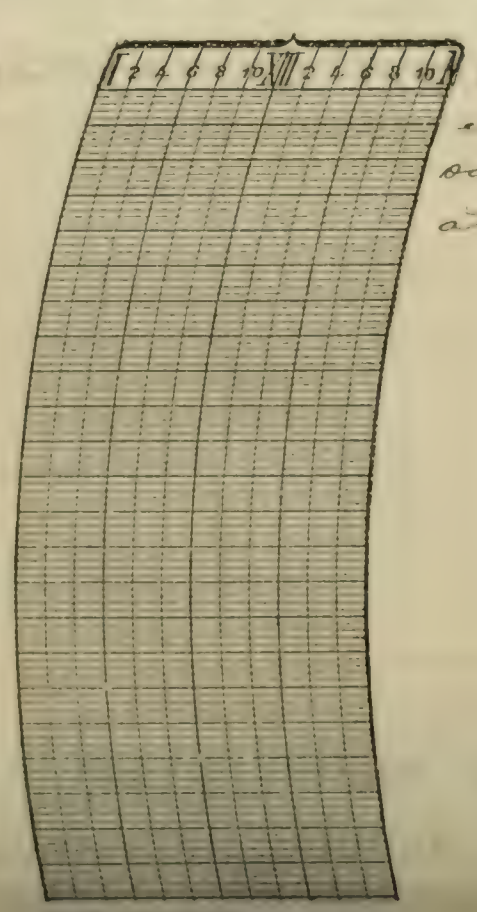
River gage, 25.5, falling

NOTES.

The Daily Post reports heavy ice gorge endangering bridge at Spring Valley. The same paper also reports ice still intact at Hennepin.







Prepared by
Verified by

8—486

Form No. 1014—Met. I.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL, (Day of week) Saturday, (Date) MAR 9 7 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	23	23	24	24	25	26	26	27	28	29	31	33	34	35	36	35	34	34	33	33	33	32	31
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions										Cloudy														
Sunshine (in tenths of hours)						0	0	0	0	0	0	0.1	0.6	0.5	0	0	0	0	0					
Wind direction	E	E	E	E	E	E	E	NE	NE	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	3	3	5	4	3	4	4	5	4	4	4	7	6	6	7	7	7	6	8	9	10	11	11	10
Maximum velocities (exceeding 25 miles) direction and time																								

Sunrise: Time, 5:54 Character, Cloudy

Sunset: Time, 6:11 Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum 36 | Minimum 23 | Mean 30 | Normal 29.0

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0.4 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 1.2

Possible sunshine, hours, 12.3

Percentage of possible sunshine, 10

Prevailing direction Northeast

Total movement, 148

Average hourly velocity, 6.2

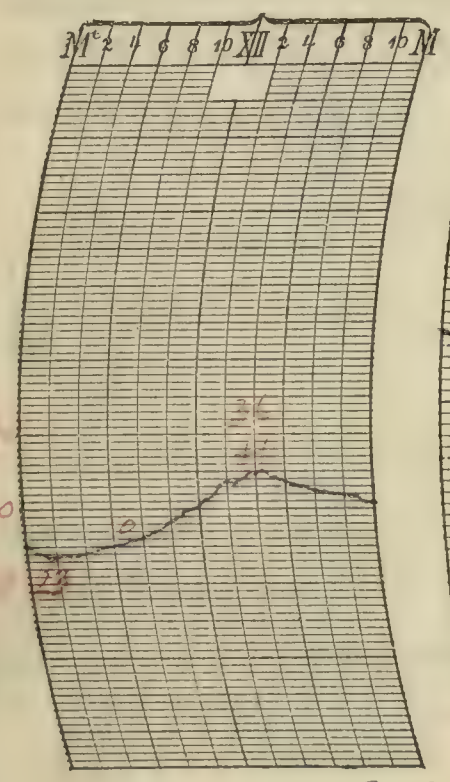
	Maximum velocity,	Direction,	Time.
	14	NE	9:52 p. m.
Extreme vel.,	14	NE	9:52 p. m.

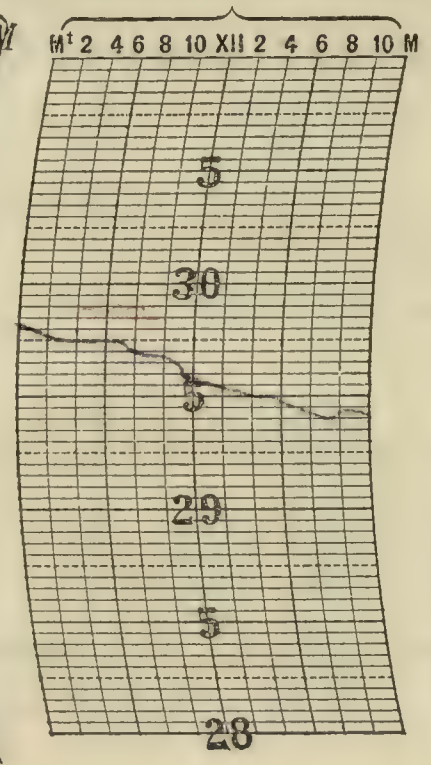
Relative humidity, 84 a. m. p. m.

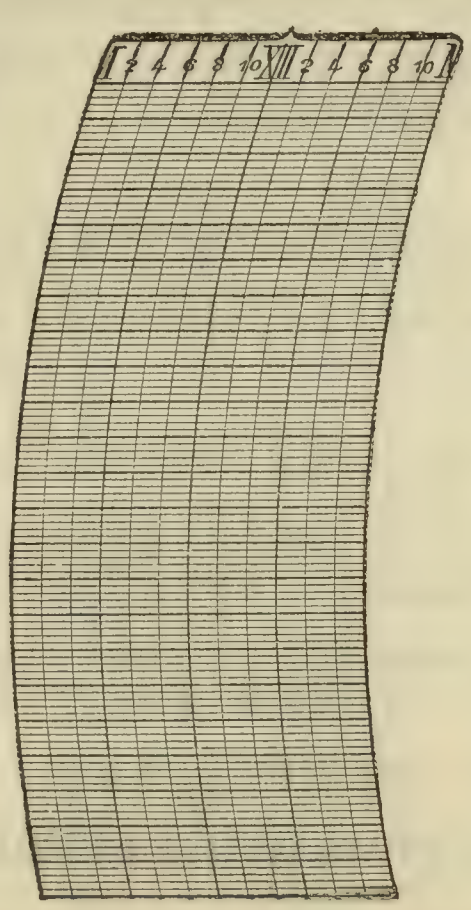
Reduced barometer, 30.32 a. m. p. m.

River gage, 24.5, falling

NOTES.







Prepared by S. P. P.
Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) MAR 24 1912 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	30	30	29	29	29	30	29	30	30	31	33
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								Cloudy				
Sunrise: Time, 5:53 Character, Cloudy												
Sunshine (in tenths of hours)						0	0	0	0	0	1.0	0.8
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	10	14	14	15	18	18	20	20	20	18	20	17
Maximum velocities (exceeding 25 miles) direction and time								7:50 NE 27				

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	33	33	33	33	32	30	29	28	28		
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				× P.C. ×		Cloudy			Heavy visibe			
Sunset: Time, 6:12 Character, Cloudy												
Sunshine (in tenths of hours)	1.0	0.5	0.4	0.9	1.0	0.6	0					
Wind direction	NE	NE	NE	NE	N	N	N	N	N	N	N	N
Wind movement	15	13	13	14	12	11	6	4	3	1	1	2
Maximum velocities (exceeding 25 miles) direction and time												

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
34	28		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, PC Cdy, moon phase.

Average daily cloudiness (0-10) 7

Actual sunshine, hours, 6.8

Possible sunshine, hours, 12.3

Percentage of possible sunshine, 55

Prevailing direction Northeast

Total movement, 299

Average hourly velocity, 12.5

	Maximum velocity,	Direction,	Time.
	27	NE	7:50 am
Extreme Vel.,	30	NE	7:49 am

Relative humidity, 74 a. m. ____ p. m.

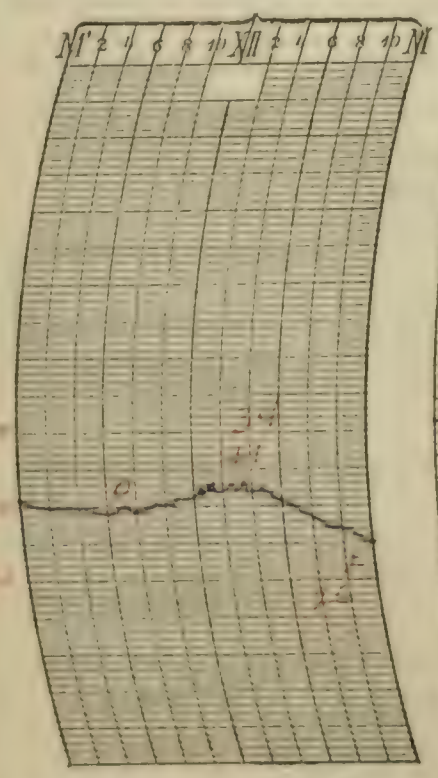
Reduced barometer, 29.98 a. m. ____ p. m.

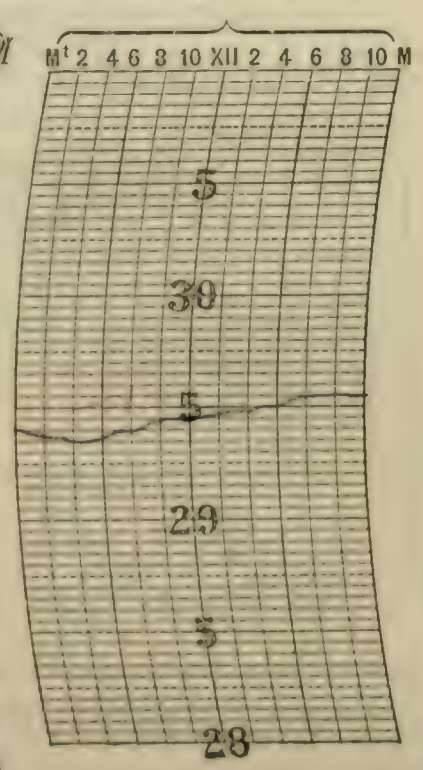
River gage, 23.9 falling

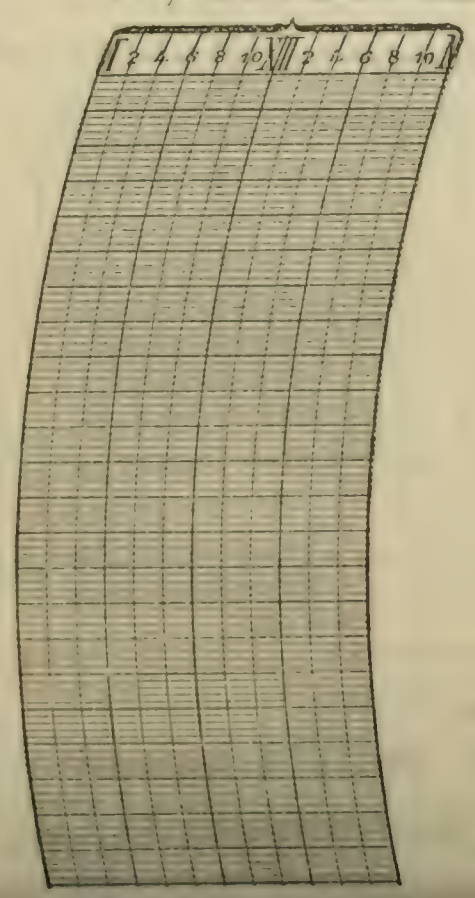
Excessive precipitation, accumulated amounts.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

NOTES.







Prepared by S. P. P.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Monday, (Date) MAR 25 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	24	24	24	+1 24	24	0 24	27	31	32	34	34	37	37	38	39	+1 39	38	36	36	36	35	36	35
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Pt cldy		×			Clear					× Pt cldy					Clear ×	visible			
Sunshine (in tenths of hours)						0	0.1	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0	0					
Wind direction	N	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S	S	S	S	S	S	SW	SW	SW
Wind movement	1	3	1	2	2	3	3	6	10	14	13	13	12	12	14	14	12	12	11	8	9	9	10	9
Maximum velocities (exceeding 25 miles) direction and time																								

Sunrise: Time, 5:51 Character, Cloudy

Sunset: Time, 6:13 Character, Cloudy

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
39	24	32	41

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day Pt Cldy Moon phase, D 7:02 pm

Average daily cloudiness (0-10) 4

Actual sunshine, hours, 9.4

Possible sunshine, hours, 12.4

Percentage of possible sunshine, 76

Prevailing direction Southwest

Total movement, 203

Average hourly velocity, 8.5

Maximum velocity,	Direction,	Time.
17	S	3:18 pm
18	S	3:17 pm

Extreme vel.

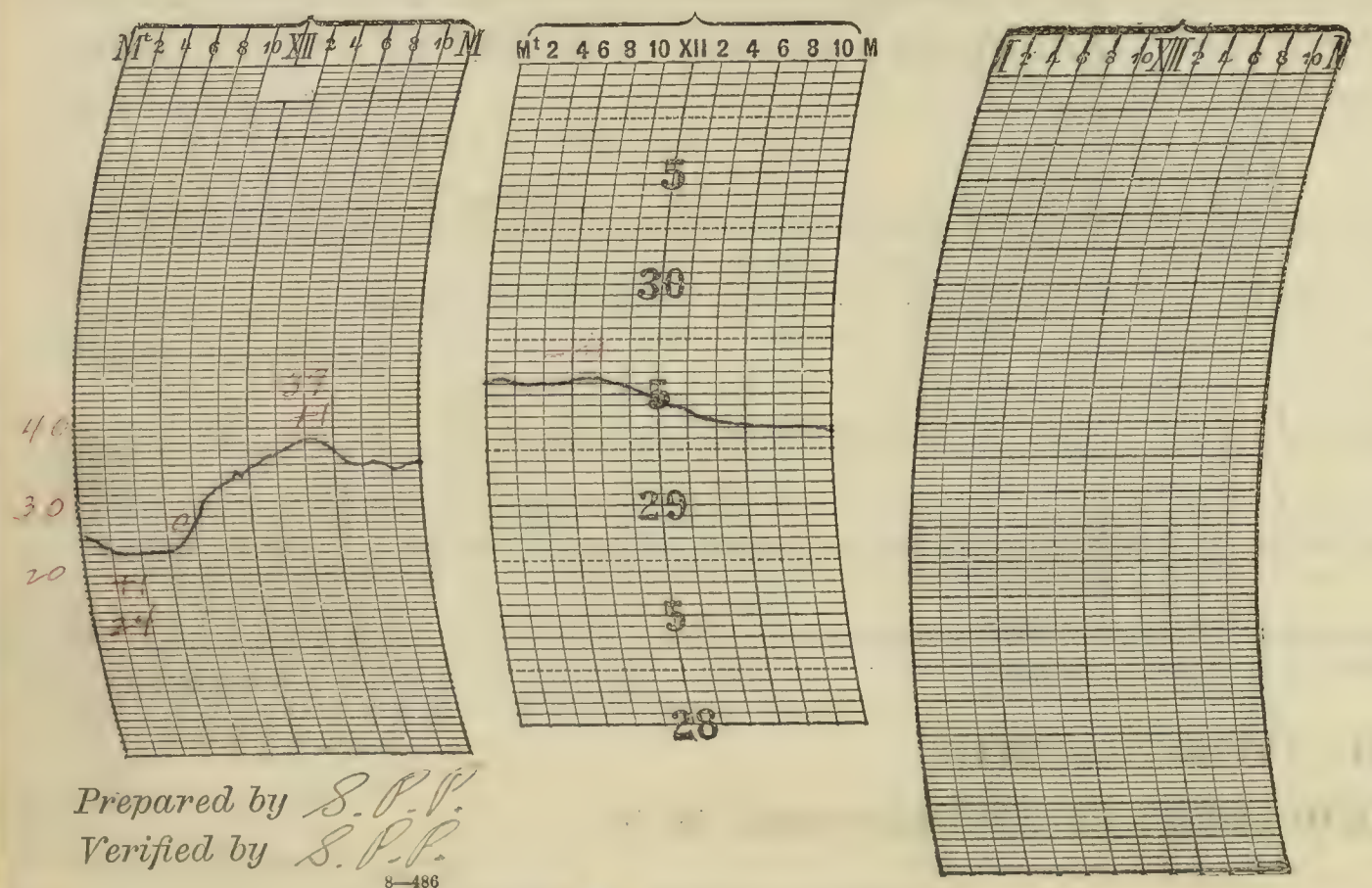
Relative humidity, 78 a. m. ____ p. m.

Reduced barometer, 30.16 a. m. ____ p. m.

River gage, 23.3, falling

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

NOTES.



Prepared by S. P. V.

Verified by S. P. P.

8—486

Form No. 1011—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) MAR 26 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	33	33	33	33	33	34	36	38	41	42	43
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear					Cloudy	
Sunshine (in tenths of hours)						0	0.2	1.0	1.0	1.0	1.0	0.8
Wind direction	SW	SW	SW	W	W	W	W	W	NW	W	W	NW
Wind movement	10	9	10	9	7	6	6	10	10	10	10	9
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	42	41	41	40	39	38	36	35			
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0.2	0.1	0	0	0	0	0					
Wind direction	W	W	W	NW	W	W	W	W	W	W	W	W
Wind movement	10	11	10	10	8	8	6	4	3	3	3	2
Maximum velocities (exceeding 25 miles) direction and time												

Sunrise: Time, 5:49 Character, Clear

Sunset: Time, 6:14 Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

7 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
43	32	37	42

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase

Average daily cloudiness (0-10)

Actual sunshine, hours, 6.3

Possible sunshine, hours, 12.4

Percentage of possible sunshine, 51

Prevailing direction West

Total movement, 184

Average hourly velocity, 7.7

Maximum velocity,	Direction,	Time.
14	NW	8:42 a. m.
14	NW	8:42 a. m.

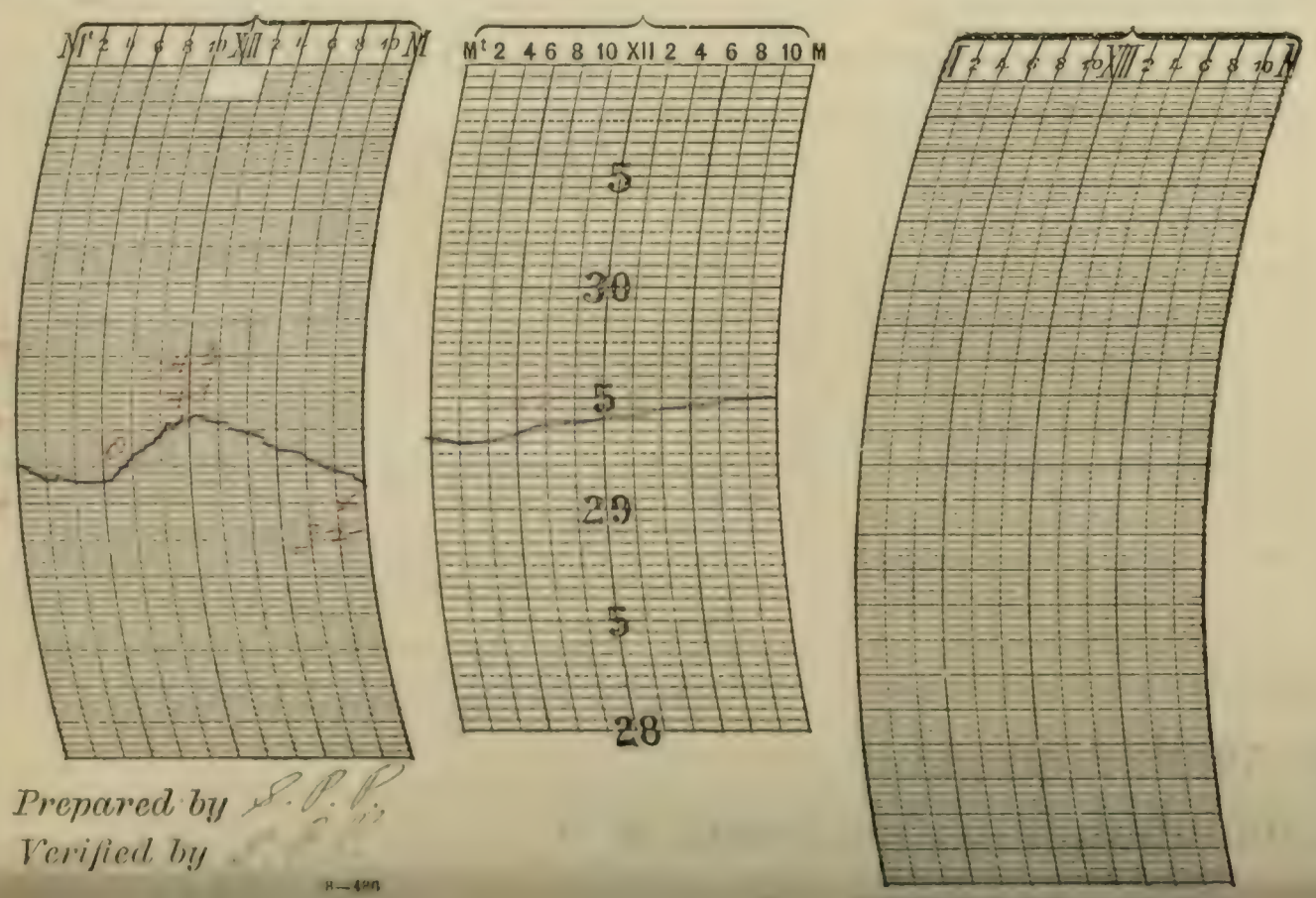
Extreme vel.

Relative humidity, 80 a. m. p. m.

Reduced barometer, 29.75 a. m. p. m.

River gage, 23.5 rising

NOTES.



Prepared by S. P. P.

Verified by

8—490

Form No. 1011—Met.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) MAR 27 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	31	31	31	31	31	32	33	36	37	38	40
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Cloudy					
Sunrise: Time, Character,	5:48 Cloudy											
Sunshine (in tenths of hours)						0	0	0	0.4	1.0	1.0	1.0
Wind direction	W	W	W	NW	W	W	W	W	W	W	SW	SW
Wind movement	1	2	2	2	3	1	3	2	3	4	8	7
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	42	43	44	44	43	41	40	37	37	35	34
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear			Vapor visible Clear				
Sunset: Time, Character,									6:15 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.5	0.6 0.4	1.0 0	.25 0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SE	SE	SE	SE
Wind movement	7	8	7	5	6	3	1	2	2	2	1	2
Maximum velocities (exceeding 25 miles) direction and time												

Maximum.	Minimum.	Mean.	Normal.
45	31	38	—

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 9.1

Possible sunshine, hours, 12.4

Percentage of possible sunshine, 73

Prevailing direction Southwest

Total movement, 84

Average hourly velocity, 3.5

Maximum velocity,	Direction,	Time.
9	SW	10:48 am

Extreme vel., 9 — SW — 10:48 am

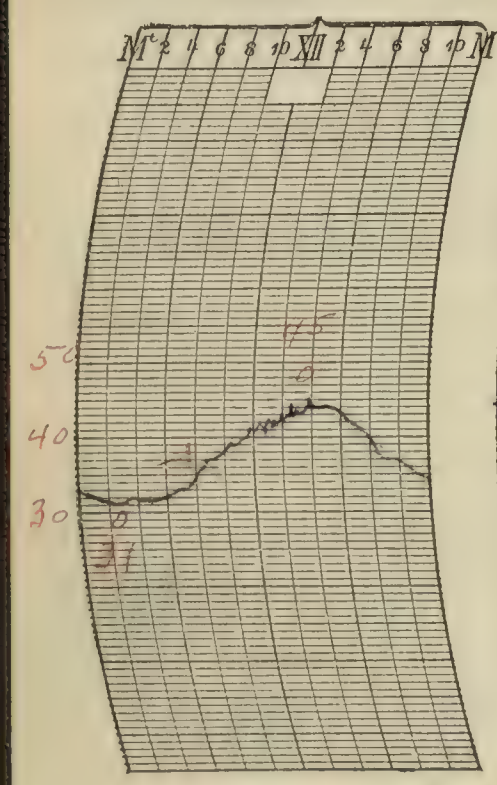
Relative humidity, 90 a. m. p. m.

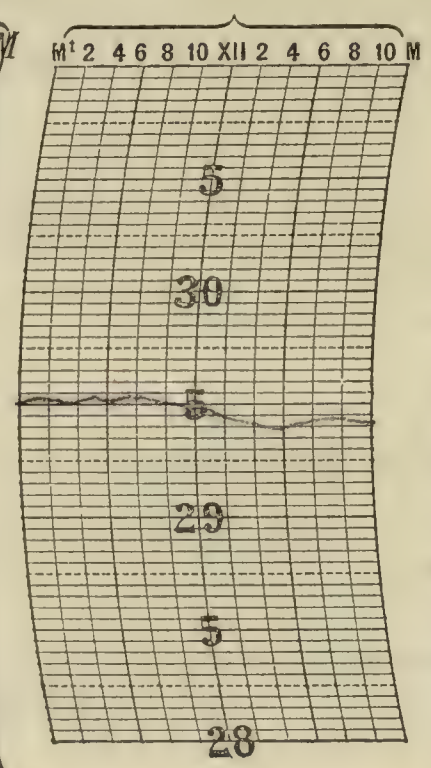
Reduced barometer, 30.11 a. m. p. m.

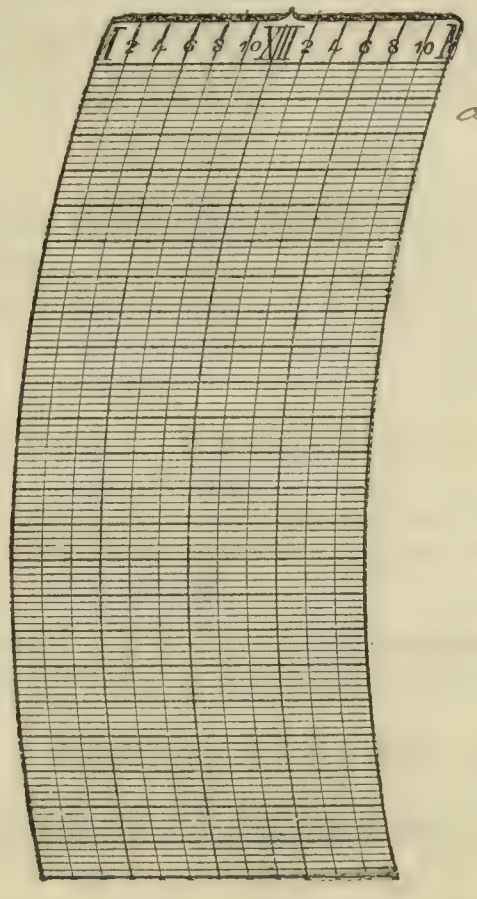
River gage, 2.4.3, rising

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.







NOTES.

The tipping bucket was installed at 4:15 pm today.

Prepared by S. O. P.

Verified by S. P. P.

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) MAR 28 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	33	33	33	33	34	34	35	36	36	37	38
							RB 6:05		RE 8:10		RB 10:14	
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation							T	T	T		T	T
Cloudiness and other conditions								Cloudy				
Sunrise: Time, 5:46 Character, Cloudy												
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	SE	SE	SE	SE	E	E	E	E	E	NE	NE	NE
Wind movement	1	2	2	3	4	3	4	4	5	7	6	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	42	42	41	41	40	39	38	38	38	37	37
		RE 1:20										
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	T	T										
Cloudiness and other conditions												
Sunset: Time, 6:16 Character, Cloudy												
Sunshine (in tenths of hours)	0.3	0	0	0	0	0	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	9	11	10	11	12	11	9	8	7	7	7	8

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
43	33	38	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0.3

Possible sunshine, hours, 12.5

Percentage of possible sunshine, 2

Prevailing direction Northeast

Total movement, 160

Average hourly velocity, 6.7

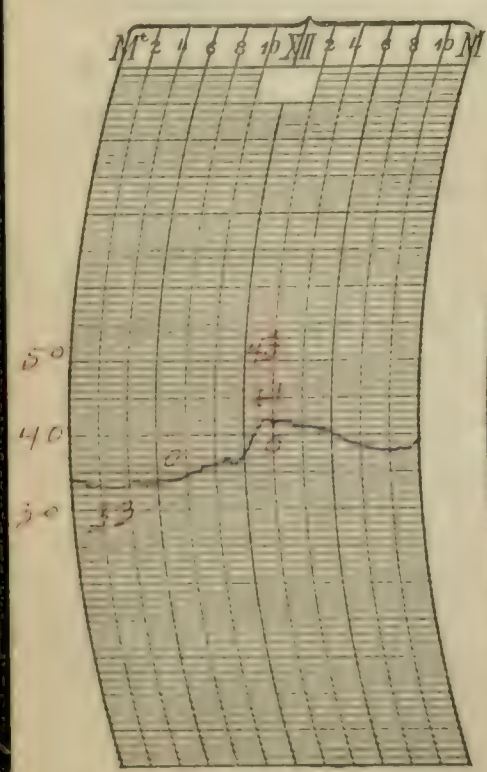
Maximum velocity,	Direction,	Time.
14	NE	4:34 pm
18	NE	4:00 pm

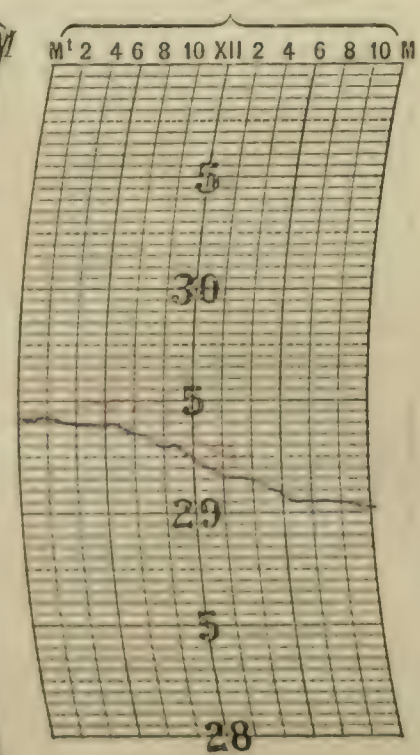
Extreme wind

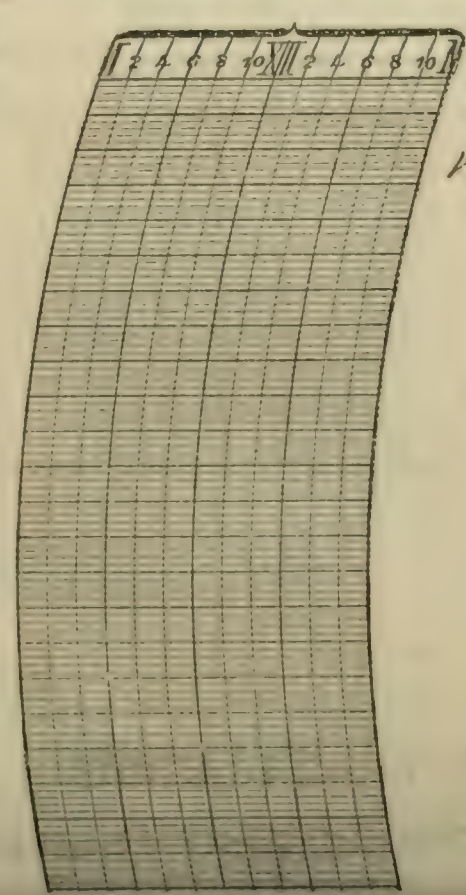
Relative humidity, 92 a. m. p. m.

Reduced barometer, 29.95 a. m. p. m.

River gage, 24.8 rising







NOTES.

A special observation was taken at 1:40 pm today and telegraphed to Washington. Pressure fell rapidly.

Prepared by S. B. V.

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) MAR 29 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	37	35	35	35	34	38 (-1)	37	38 (0)	41 (0 -1)	40	41
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear				Pt Cldy			
Sunrise: Time, Character,	5:44 Clear											
Sunshine (in tenths of hours)						.27 0	0.9 0.1	0.8	0.4	1.0	1.0	1.0
Wind direction	N	N	N	N	N	NW	N	NE	NE	NE	NE	NE
Wind movement	8	5	7	8	8	6	9	14	15	16	14	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	42 (0)	42	41	39	36	33	30	29	29	28	28
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Cloudy	P.C.	Clear				Moon visible			
Sunset: Time, Character,									6:17 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.9	0.7 0.3	1.0 0	.28 0					
Wind direction	NE	NE	NE	NE	NE	NE	E	E	E	E	E	E
Wind movement	12	11	11	11	13	11	10	8	8	9	9	8

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
43	28	36	43

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cldy Moon phase,

Average daily cloudiness (0-10) 4

Actual sunshine, hours, 11.6

Possible sunshine, hours, 12.6

Percentage of possible sunshine, 92

Prevailing direction Northeast

Total movement, 243

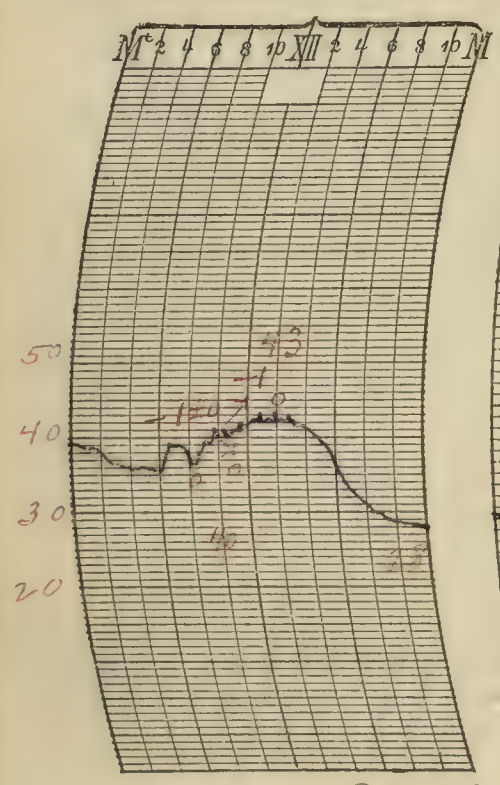
Average hourly velocity, 10.1

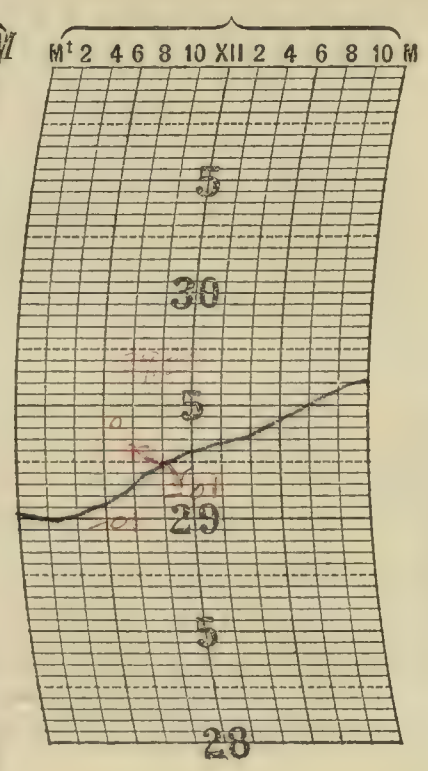
	Maximum velocity,	Direction,	Time.
Extreme vel.,	19	NE	9:26 am
	21	NE	9:25 am

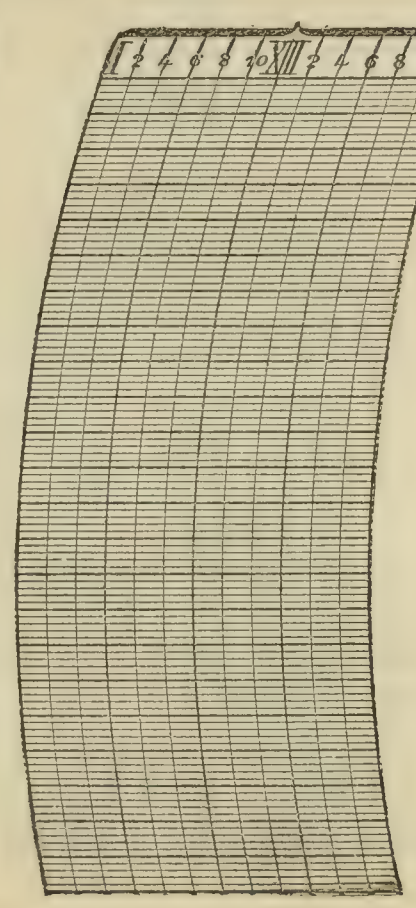
Relative humidity, 73 a. m. p. m.

Reduced barometer, 29.67 a. m. p. m.

River gage, 24.5, Overstand.







NOTES.

The Daily Post reports that the ice gorge which had endangered the Spring Valley bridge has passed out, doing no damage.

Prepared by S. P. P.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) MAR 30 1912, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	28	27	28	28	29	29	29	30	31	34	36	39	39	42	44	48	50	50	49	48	47	45	45	44
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Cloudy					×	Pt Cldy					×	Clear				Moon rise			
Sunrise: Time, Character,	5:43 Cloudy																				Sunset: Time, Character, 6:18 Clear			
Sunshine (in tenths of hours)						0	0	0	0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	× 1.0	×0.7 0.3	.30 0					
Wind direction	E	E	E	E	SE	SE	SE	SE	SE	SE	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	8	8	8	6	6	5	5	6	5	4	6	6	7	6	7	5	7	4	3	2	2	2	2	2
Maximum velocities (exceeding 25 miles) direction and time																								

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
50	27	38	43

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cldy, Moon phase,

Average daily cloudiness (0-10) 6

Actual sunshine, hours, 9.0

Possible sunshine, hours, 12.6

Percentage of possible sunshine, 71

Prevailing direction South

Total movement, 122

Average hourly velocity, 5.1

	Maximum velocity,	Direction,	Time.
Extreme wind,	12	S	12:50 a
	12	S	12:50 a

Relative humidity, 87 a. m. ____ p. m.

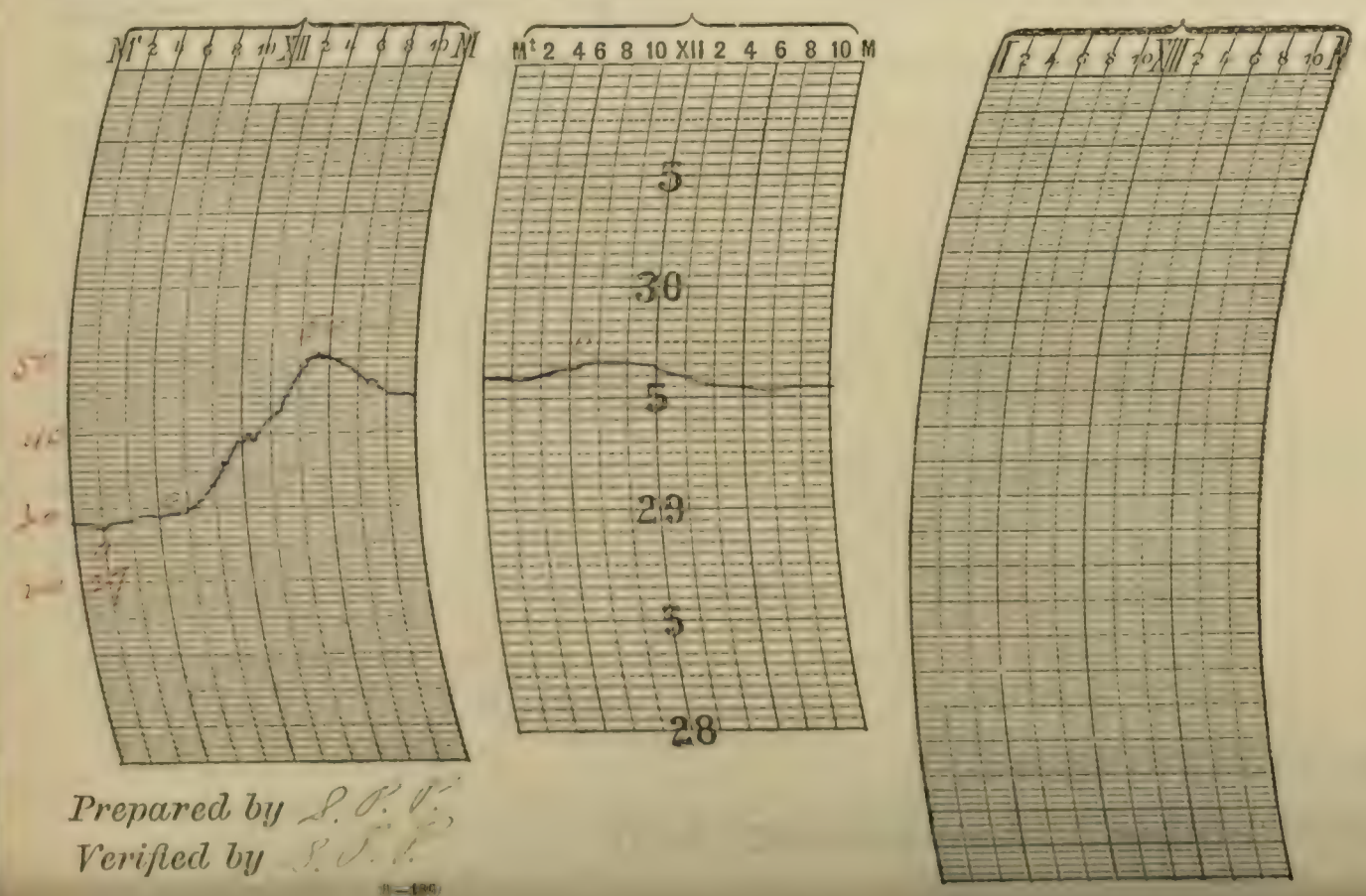
Reduced barometer, 30.23 a. m. ____ p. m.

River gage, 24.4, falling

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

× Eye observation

NOTES.



Prepared by L. O. V.

Verified by L. J. H.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL., (Day of week) Sunday, (Date) MAR 31 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	44	45	47	48	49	50	52	56	58	61	60
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Moon visible		Clear						Pt Cldy			
Sunshine (in tenths of hours)						.3 0	.3 0.3	1.0	1.0	1.0	1.0	1.0
Wind direction	SE	SE	SE	SW	SW	SW	SW	W	SW	W	SW	W
Wind movement	3	3	2	5	12	18	16	11	9	10	11	12

Sunrise: Time, 5:41 Character, Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	55	53	41	38	36	35	36	35	34	33	33
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		Pt Cldy			Clear							
Sunshine (in tenths of hours)	1.0	0.7	0	0	0	0	0					
Wind direction	NW	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	9	11	10	17	14	15	14	10	12	11	12	13

Sunset: Time, 6:19 Character, Cloudy

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
62	33	48	44

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cldy Moon phase,

Average daily cloudiness (0-10) 6

Actual sunshine, hours, 7.6

Possible sunshine, hours, 12.6

Percentage of possible sunshine, 60

Prevailing direction Northeast

Total movement, 260

Average hourly velocity, 10.8

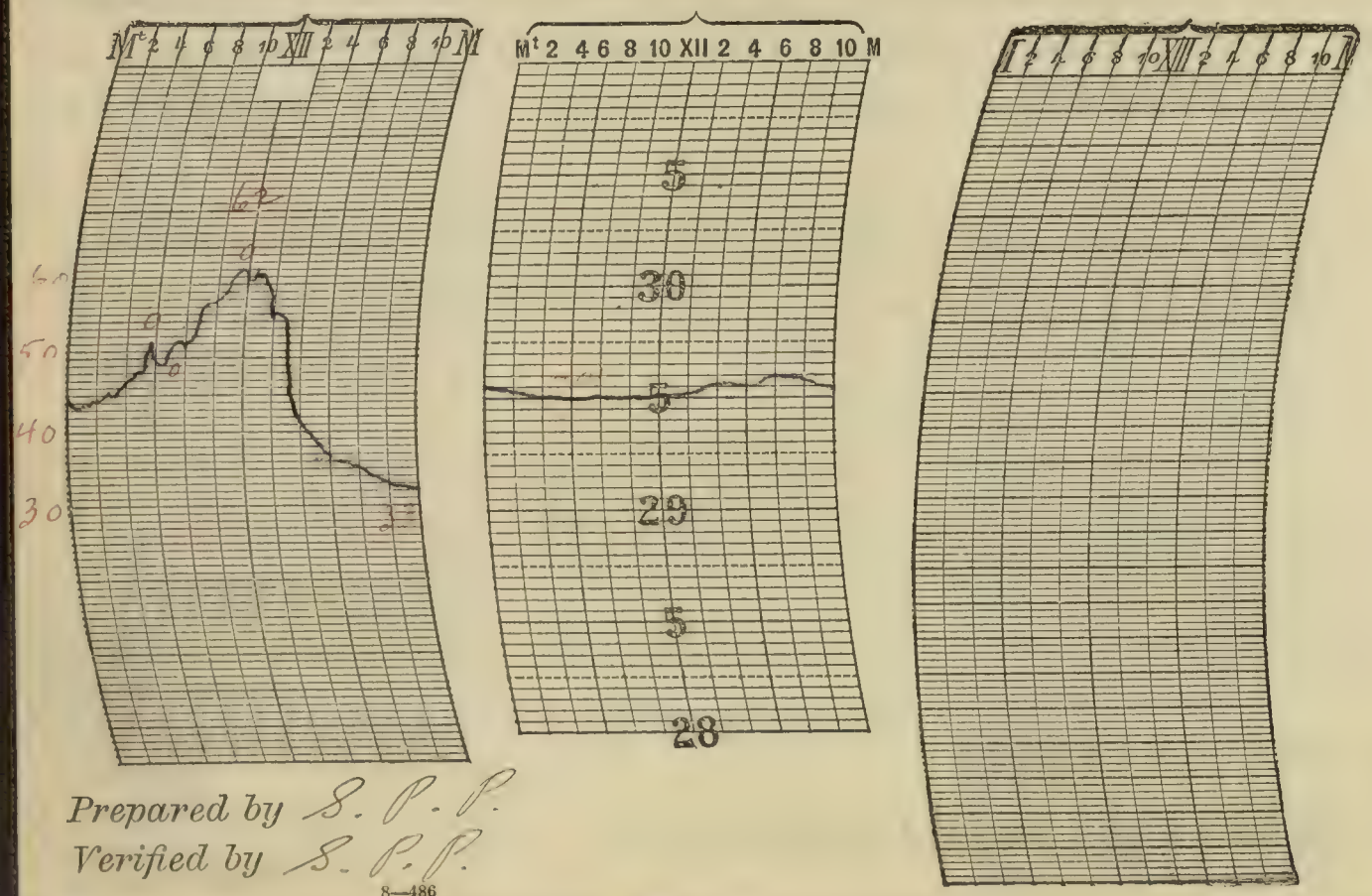
Maximum velocity,	Direction,	Time.
24	NE	3:15 pm
25	SW	5:23 am

Relative humidity, 76 a. m. p. m.

Reduced barometer, 30.07 a. m. p. m.

River gage, 24.3, falling

NOTES.



Prepared by S. P. P.

Verified by S. P. P.

8—486

Form No. 1011—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Monday, (Date) APR 7 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	33	33	32	33	33	33	33	34	34	36	36	37
State of weather: Nature of precipitation and time of beginning and ending		R	B.F	Ha				RE 7:25 RD 7:50	RE 7:48			
Amounts of precipitation					.03	.09	.17	.01	.02			
Cloudiness and other conditions									Cloudy			
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	NE	E	NE	NE	NE	NE	N	E	E	E	NW	NW
Wind movement	12	9	10	12	10	6	10	13	9	7	8	11

Sunrise: Time, 5:39 Character, Cloudy

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	40	40	40	40	40	40	39	38	38	37	36	35
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0.5	0.4	0.2	0.2	0	0	0					
Wind direction	N	N	N	N	N	N	N	N	N	NE	NE	NE
Wind movement	10	9	8	9	8	5	5	6	7	7	4	4

Sunset: Time, 6:21 Character, Cloudy

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	41	32	36	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .24 ins.; to 7 p. m., .10 ins.

Total precipitation, midnight to midnight, .34 inches.

Character of day, Cloudy Moon phase, [illegible]

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 1.3

Possible sunshine, hours, 12.7

Percentage of possible sunshine, 10

Prevailing direction NE

Total movement, 199

Average hourly velocity, 8.3

Maximum velocity, 15 Direction, NE Time, 7:36 am

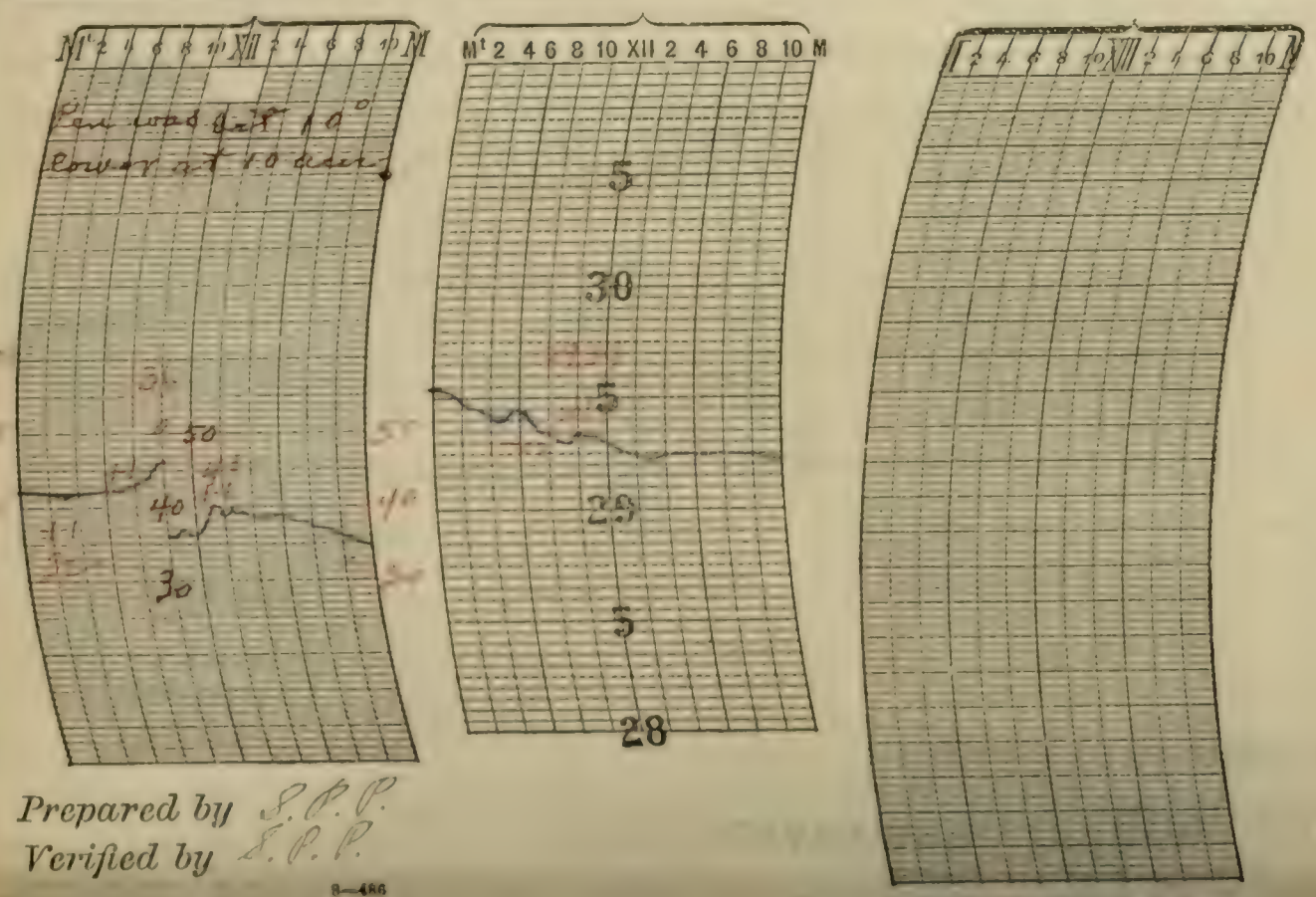
Extreme vel., 16 – NE – 7:37 am

Relative humidity, 95 a. m. ____ p. m.

Reduced barometer, 29.95 a. m. ____ p. m.

River gage, 24.3, [illegible]

NOTES.



Prepared by S. P. P.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) APR 2 1912, 191

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	35	34	33 +1	34	34	34	36 0	36	40	42	47	48 0
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Cloudy				→	Pt Cldy			
Sunrise: Time, Character,	5:38 Cloudy											
Sunshine (in tenths of hours)						0	0	0	0.6	1.0	1.0	1.0
Wind direction	NE	N	N	N	N	N	N	N	N	N	NE	N
Wind movement	3	2	5	4	6	3	5	9	9	10	10	10

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	47	47	47	46	45	44	41	39	37	35	34	33
State of weather: Nature of precipitation and time of beginning and ending		RB 1:18 RE 1:29	RB 1:50 RE 2:10									
Amounts of precipitation		T	T						Moon visible			
Cloudiness and other conditions			Cloudy				→	Pt Cldy				
Sunset: Time, Character,									6:22 Cloudy			
Sunshine (in tenths of hours)	1.0	0.5	0.6	0.8	0.2	0	0					
Wind direction	NW	NW	NW	N	N	N	NE	NE	E	E	E	E
Wind movement	9	10	12	13	12	9	6	4	5	5	5	4

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum velocities (exceeding 25 miles) direction and time

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
49	33	41	45

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cldy Moon phase,

Average daily cloudiness (0–10) 7

Actual sunshine, hours, 6.7

Possible sunshine, hours, 12.7

Percentage of possible sunshine, 53

Prevailing direction North

Total movement, 170

Average hourly velocity, 7.1

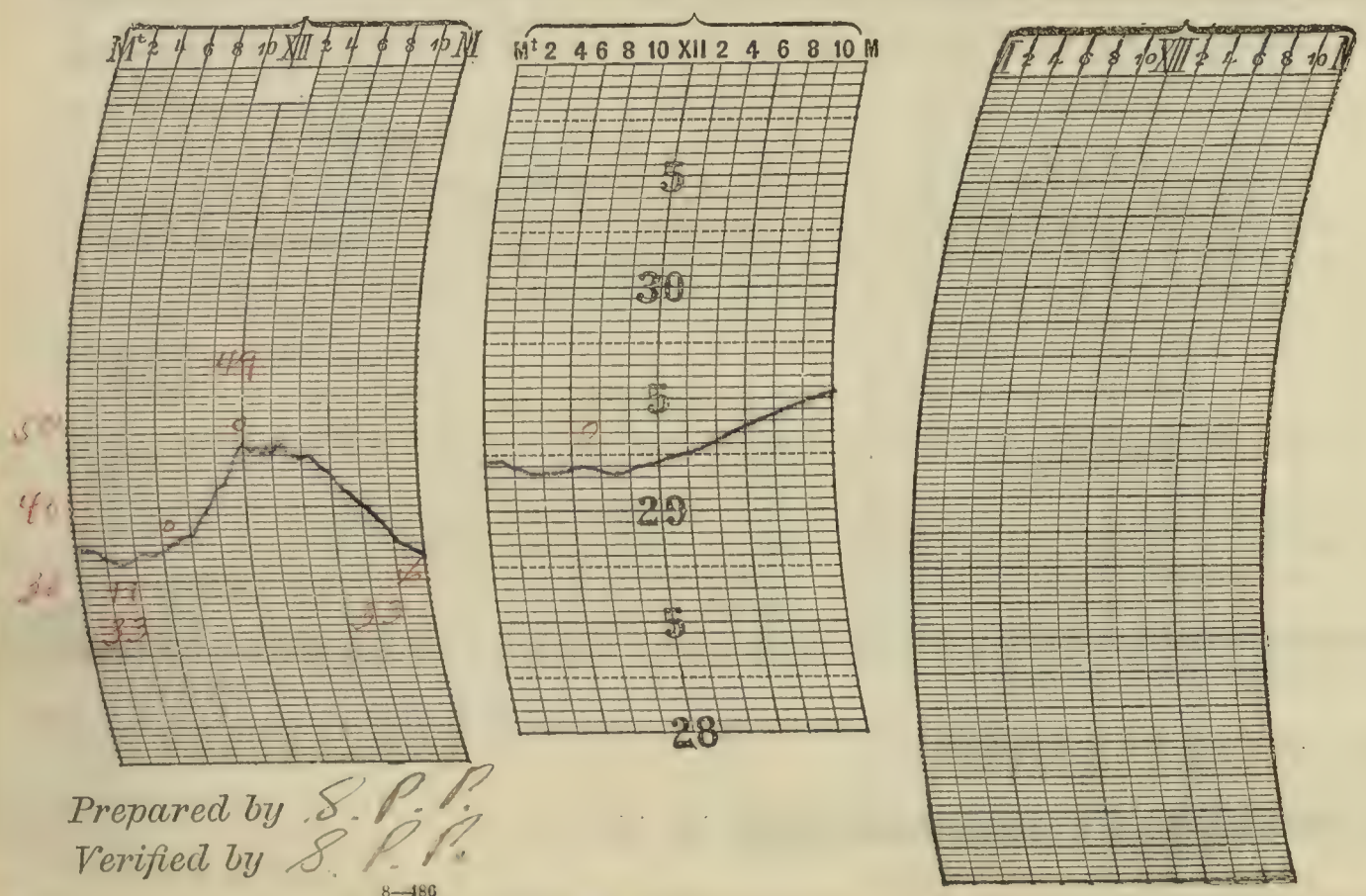
Maximum velocity,	Direction,	Time.
19	N	3:25 pm
22	N	3:27 pm

Relative humidity, 80 a. m. ____ p. m.

Reduced barometer, 29.77 a. m. ____ p. m.

River gage, 24.4 ; rising

NOTES.



Prepared by S. P. P.

Verified by S. P. P.

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) APR 3 1912, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	32	32	32	32	31	33	35	39	42	46	47	48	51	52	53	52	51	48	45	44	43	42	41
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Moon visible			Clear					Pt Cldy						Clear							Moon visible		
Sunrise: Time, 5:36 Character, Clear																					Sunset: Time, 6:23 Character, Clear			
Sunshine (in tenths of hours)						.40 0	0.7 0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	X 1.0	0.3 0.7	.38 0					
Wind direction	E	SE	SE	SE	SE	SE	SE	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	SW	SW	SW
Wind movement	3	2	2	2	1	1	3	4	6	5	5	5	8	10	10	10	8	8	6	6	8	7	7	5
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
53	31	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., ins.; to 7 p. m., ins.

Total precipitation, midnight to midnight, inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 3

Actual sunshine, hours, 12.8

Possible sunshine, hours, 12.8

Percentage of possible sunshine, 100

Prevailing direction Southwest

Total movement, 133

Average hourly velocity, 5.5

Maximum velocity,	Direction,	Time.
13	SW	1:56 p.m.

Extreme 12-SW - 1:56 p.m.

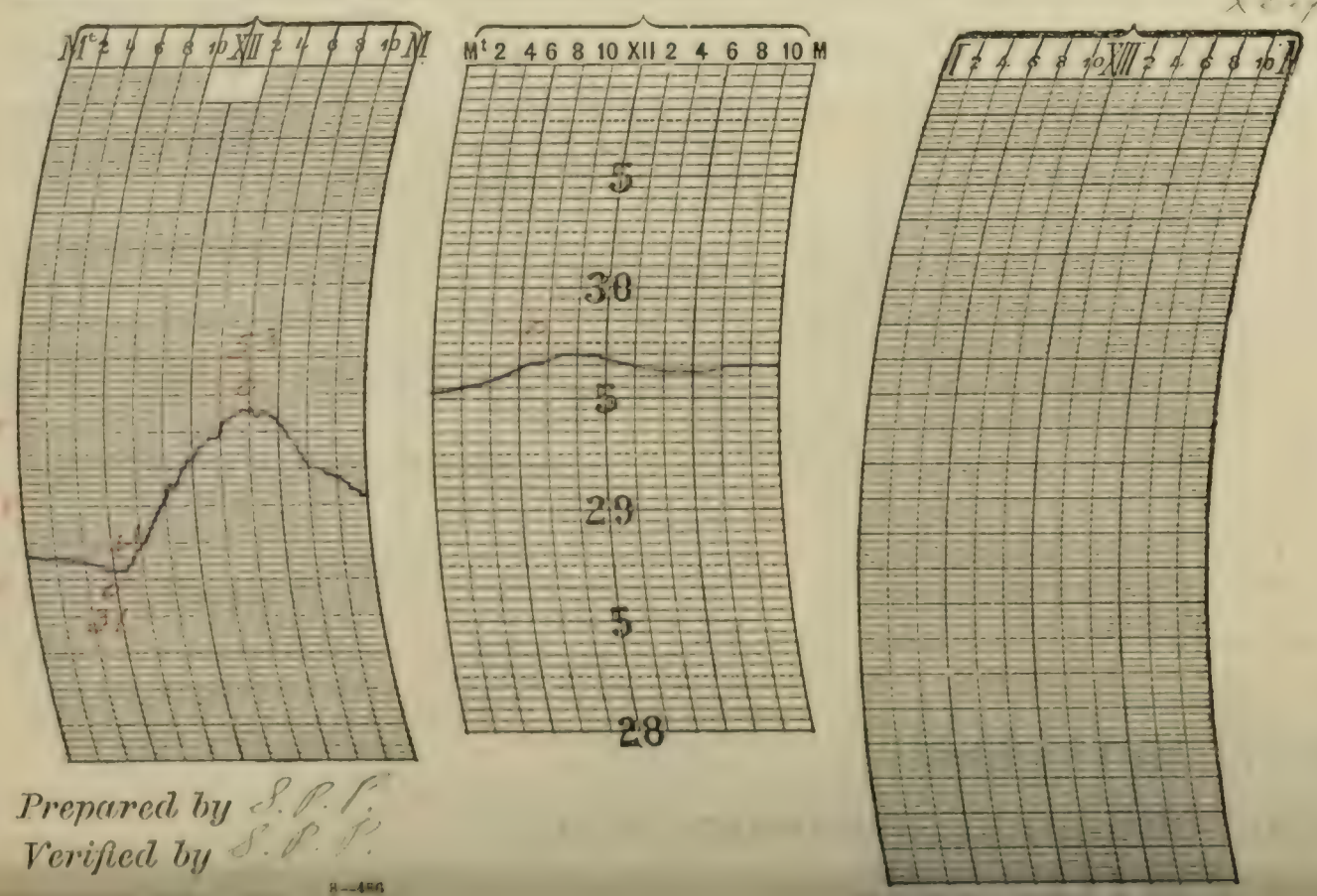
Relative humidity, 83 a. m. p. m.

Reduced barometer, 30.25 a. m. p. m.

River gage, 24.1

X Eye observation.

NOTES.



Prepared by S. P. S.

Verified by S. P. S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) APR 4 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	41	41	41	43	43	44	50	56	61	65	69	71	70	71	69	68	65	61	58	56	54	52	56
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Moon visible						Clear						× Partly × Clear										Moon visible	
Sunshine (in tenths of hours)	Sunrise: Time, 5:34 Character, Clear					.43 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	* 1.0	* 0.6 0.4	.40 0		Sunset: Time, 6:24 Character, Clear			
Wind direction	SW	SW	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	SW	S	S	SW
Wind movement	6	6	6	6	9	14	9	9	9	14	14	× 17	× 20	× 22	× 22	× 20	× 16	× 12	9	5	9	4	4	14
Maximum velocities (exceeding 25 miles) direction and time																								

Temperature	Maximum.	Minimum.	Mean.	Normal.
	72	41	56	46

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 3

Actual sunshine, hours, 12.8

Possible sunshine, hours, 12.8

Percentage of possible sunshine, 100

Prevailing direction Southwest

Total movement, 276

Average hourly velocity, 11.5

	Maximum velocity,	Direction,	Time.
Extreme vel.,	20	SW	11:09 am
	ϕ 22	SW	11:11 am

Relative humidity, 76 a. m. p. m.

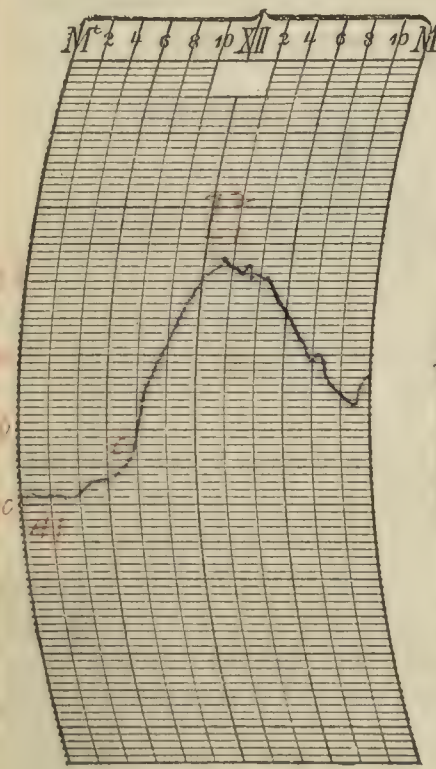
Reduced barometer, 30.21 a. m. p. m.

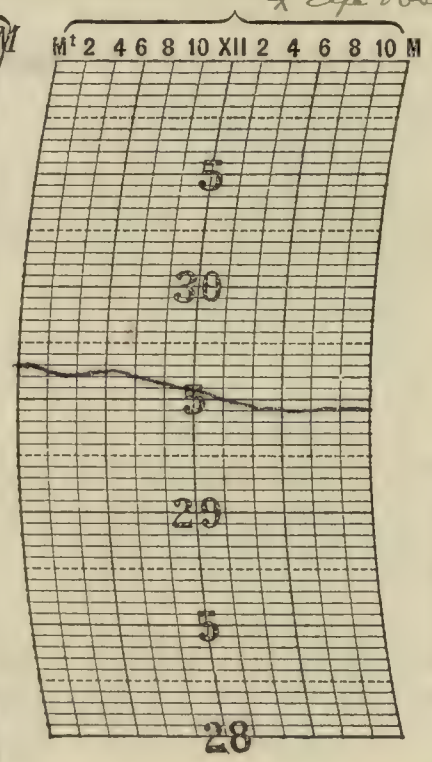
River gage, 24.0, falling

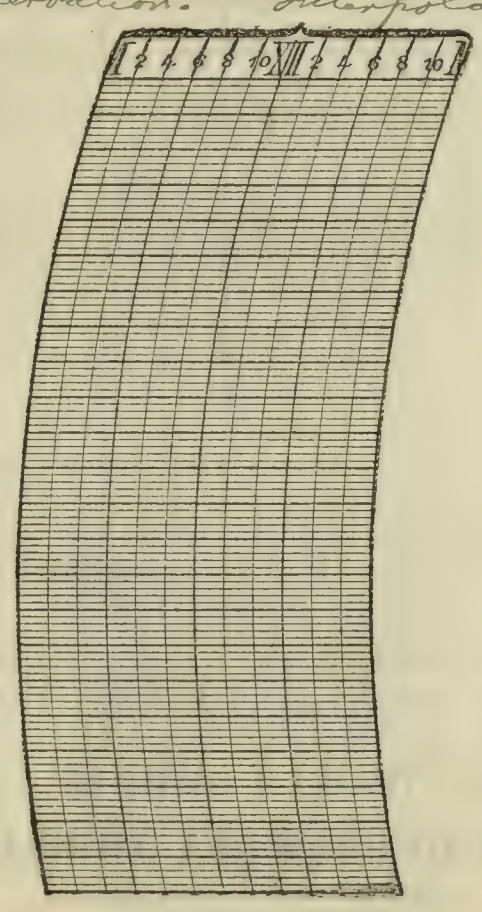
Excessive precipitation, accumulated amounts	Total duration. From—	To— *	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

* Eye observation. × Interpolated. ϕ for 18½ hrs.

NOTES.







Prepared by S. P. P.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) APR 1 1912 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	12-1 A.M.	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1 P.M.	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	54	55	52	52	51	52 -1	59	63	65	67	69	71	72	72	73 -1	72	70	67	63	60	62	60	60
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Clouds and other conditions	Heavy visibe											Clear									Heavy visibe			
Sunshine (in tenths of hours)	Sunrise: Time, 5:32 Character, Clear					.47 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0 ×	0.5 0.5	.42 0		Sunset: Time, 6:25 Character, Clear			
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	SW	SW	SW
Wind movement	14	5	6	11	17	13	13	14	21	24	22	21	20	21 *	19 *	20	18	11	7	3	4	6	12	9
Maximum velocities (exceeding 25 miles) direction and time									8:55 SW 28	9:28 SW 30	10:32 SW 25	11:52 SW 26	12:07 SW 25			3:13 SW 25								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts.

Maximum.	Minimum.	Mean.	Normal.
73	51	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., — ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, — inches.

Character of day, Clear Moon phase.

Average daily cloudiness (0-10) 0

Actual sunshine, hours, 12.9

Possible sunshine, hours, 12.9

Percentage of possible sunshine, 100

Prevailing direction Southwest

Total movement, 331

Average hourly velocity, 13.8

Maximum velocity,	Direction,	Time.
30	ϕ SW	9:28 am
Extreme vel., 33	SW	9:26 am

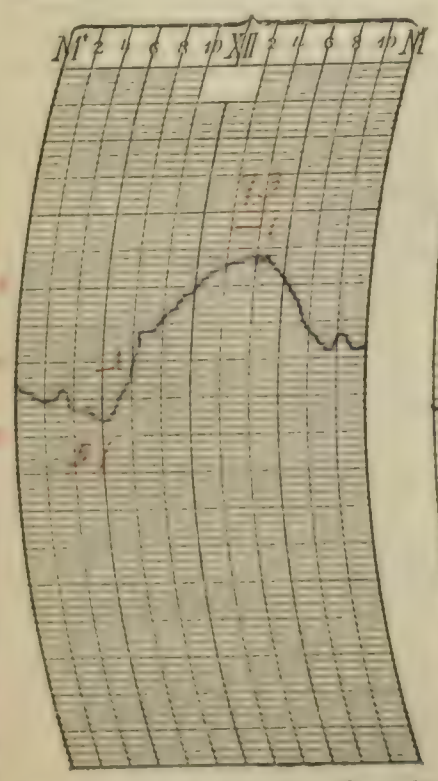
Relative humidity, 66 a. m. ---- p. m.

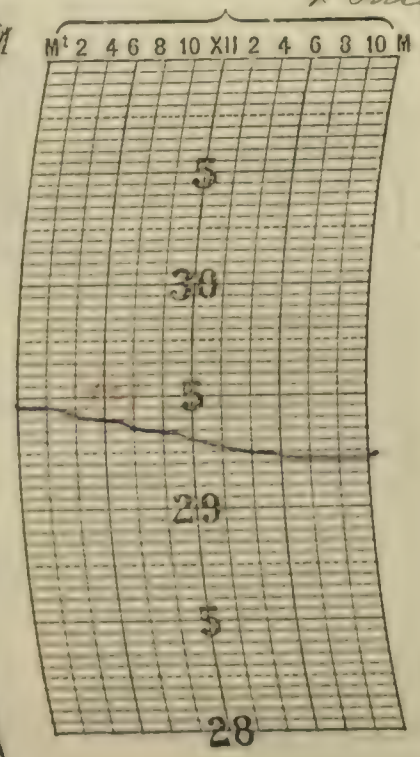
Reduced barometer, 29.97 a. m. ---- p. m.

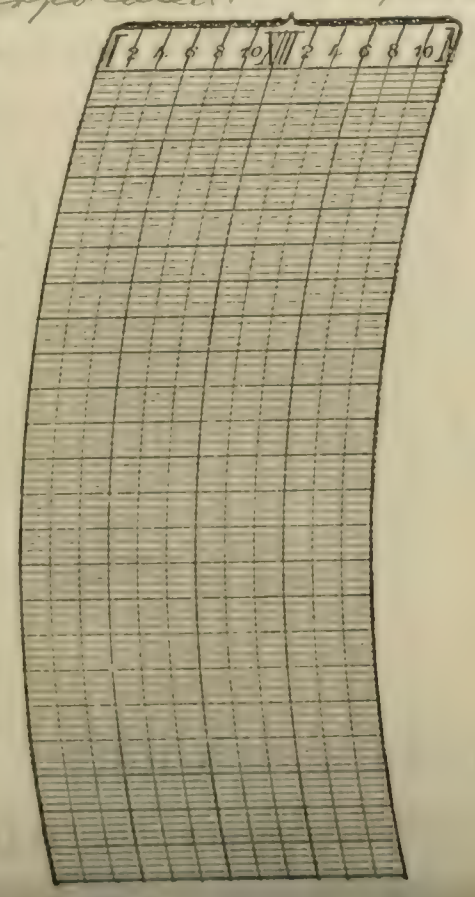
River gage, 3.5 feet

× Interpolated. × Eye observation. ϕ For 22 3/4 hrs.

NOTES.







Prepared by S. P. P.
Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) APR 6 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	60	60	59	57	57	58	60	61	63	66	67
State of weather: Nature of precipitation and time of beginning and ending										RB 9:53	RE 10:48	
Amounts of precipitation										T	T	
Cloudiness and other conditions											Cloudy	
Sunrise: Time, 5:31 Character, Cloudy												
Sunshine (in tenths of hours)						0	0	0.5	0.1	0	0.2	0.6
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	11	10	10	9	8	10	10	13	16	22	21	24
Maximum velocities (exceeding 25 miles) direction and time												11:25 SW 29

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	72	71	54	55	52	49	48	47	45	44	42
State of weather: Nature of precipitation and time of beginning and ending				RB 3:07 RE 3:32								
Amounts of precipitation				.14								
Cloudiness and other conditions												
Sunset: Time, 6:26 Character, Cloudy												
Sunshine (in tenths of hours)	0.9	0.7	0.7	0.2	0.1	0	0					
Wind direction	SW	SW	SW	W	W	W	W	W	W	W	W	W
Wind movement	28	27	30	18	16	17	16	19	18	19	17	21
Maximum velocities (exceeding 25 miles) direction and time	12:05 SW 33	1:18 SW 30	2:52 SW 35	3:08 W 29						9:41 W 25		

Maximum.	Minimum.	Mean.	Normal.
72	42	57	46

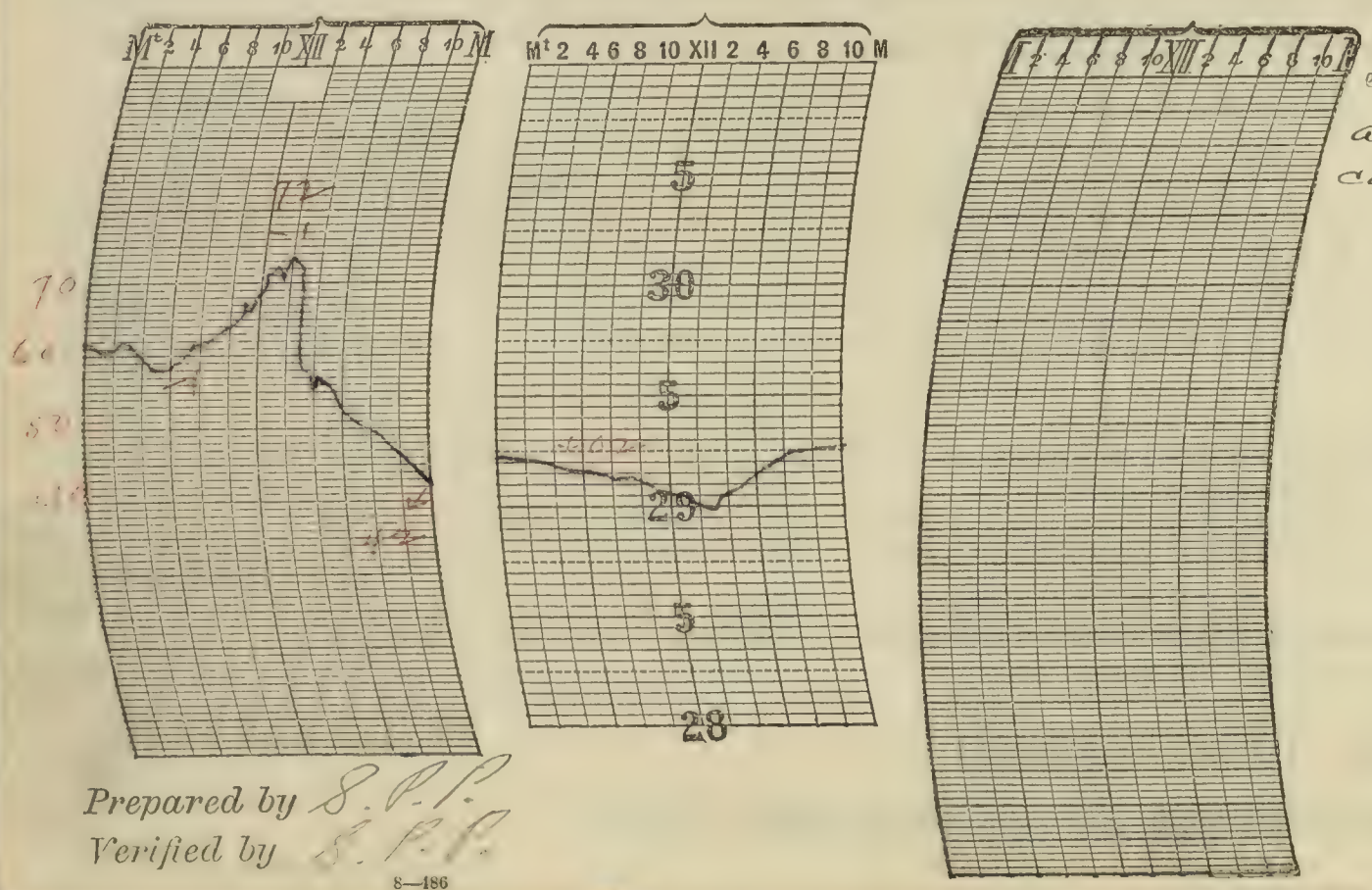
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .14 ins.
Total precipitation, midnight to midnight, .14 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 10
Actual sunshine, hours, 4.0
Possible sunshine, hours, 12.9
Percentage of possible sunshine, 31
Prevailing direction Southwest
Total movement, 410
Average hourly velocity, 17.1

Maximum velocity,	Direction,	Time.
35	SW	2:52 pm
Extreme vel., 40	SW	2:53 pm

Relative humidity, 75 a. m. ____ p. m.
Reduced barometer, 29.73 a. m. ____ p. m.
River gage, 23.6 falling

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.



NOTES.

Thunderstorm: First thunder heard at 3:06 pm; last heard at 3:38 pm. Storm came from the southwest.

Prepared by S. P. P.
Verified by S. P. P.

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) APR 7 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	38	37	37	36	36	36	37	39	41	43	45	47	48	49	48	49	48	46	44	43	42	40	40
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions		moon visible									Cloudy													
Sunrise: Time, Character,	5:29 Cloudy																				Sunset: Time, Character, 6:27 Clear			
Sunshine (in tenths of hours)						0	0.2 0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0 ×	1.0	.45 0					
Wind direction	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W
Wind movement	22	20	19	21	23	20	19	21	20	20	19	19	19	20	20	15	13	8	5	4	5	5	6	7
Maximum velocities (exceeding 25 miles) direction and time	2:25 W 29				4:07 NW 28	5:28 NW 26		7:30 NW 25	8:02 NW 25															

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
49	36	42	47

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase

Average daily cloudiness (0-10) 1

Actual sunshine, hours, 12.0

Possible sunshine, hours, 13.0

Percentage of possible sunshine, 92

Prevailing direction Northwest

Total movement, 370

Average hourly velocity, 15.4

Maximum velocity,	Direction,	Time.
29	W	12:25 a. m.
Extreme vel. 31	W	12:26 a. m.

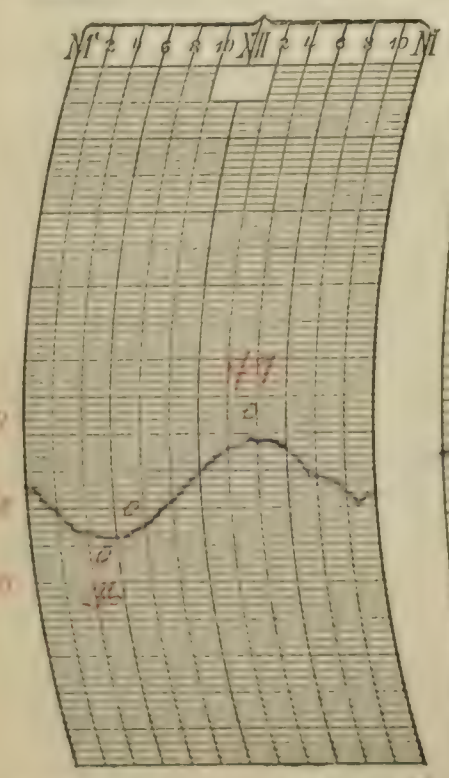
Relative humidity, 68 a. m. p. m.

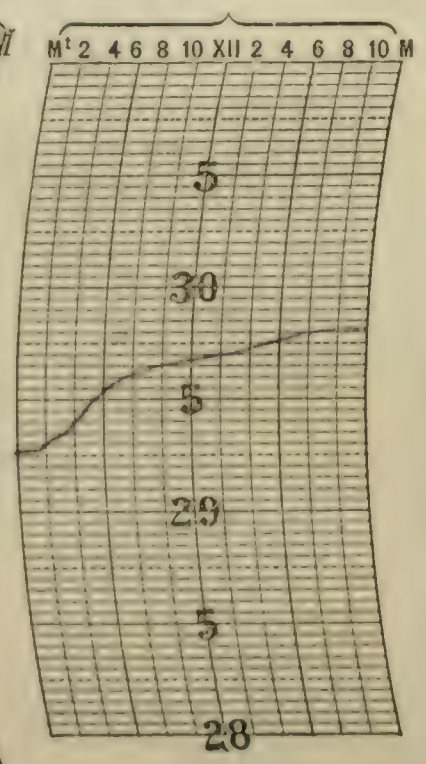
Reduced barometer, 30.16 a. m. p. m.

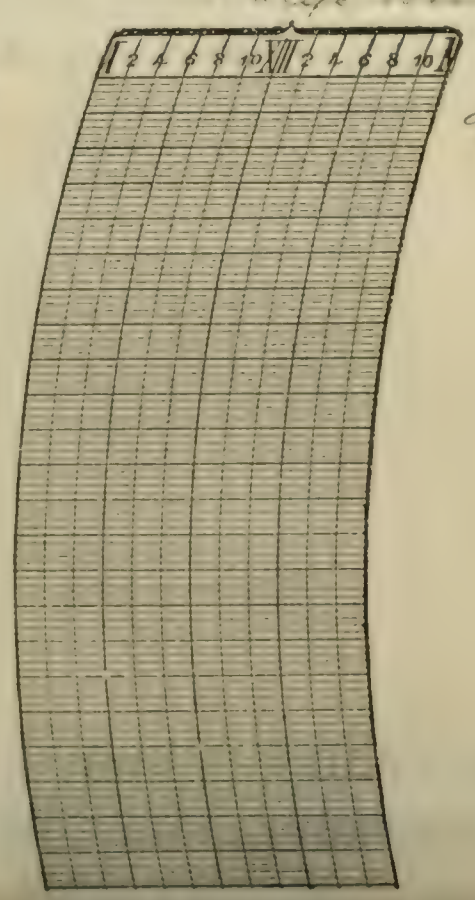
River gage, 23.4 feet above zero

NOTES.

Navigation on the Illinois river opened today.







Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Monday, (Date) APR 8 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	40	40	40	40	39	42 (-1)	44	49	53 (0)	57	59
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	moon visible										Clear	
Sunrise: Time, Character,	5:28 Clear											
Sunshine (in tenths of hours)						0 (.5 30,2)	0-8	1.0	1.0	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	SW	SW	SW	SW	SW
Wind movement	5	8	10	11	7	10	9	15	15	16	17	16
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	60	60 (-1)	59	59	57	54	52	51	48	47	47
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, Character,									6:28 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0 (x)	0.9 (.1)	0 (.47)					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	17	16	19	19	19	17	13	13	13	13	9	9

Maximum.	Minimum.	Mean.	Normal.
60	39	50	47

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 0

Actual sunshine, hours, 13.0

Possible sunshine, hours, 13.0

Percentage of possible sunshine, 100

Prevailing direction Southwest

Total movement, 316

Average hourly velocity, 13.2

Maximum velocity,	Direction,	Time.
23	SW	4:30 pm
Extreme vel., 24	SW	3:38 pm

Relative humidity, 55 a. m. ____ p. m.

Reduced barometer, 30.40 a. m. ____ p. m.

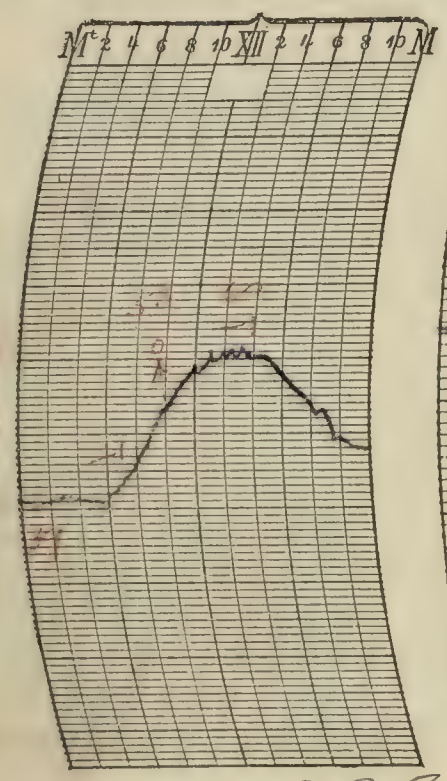
River gage, 23.1, falling

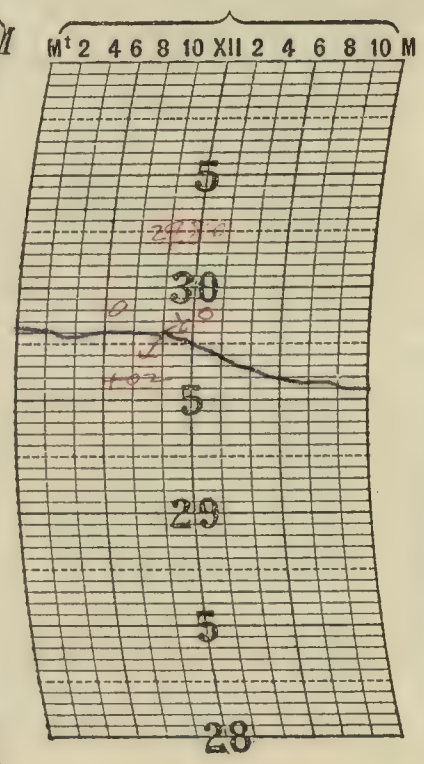
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

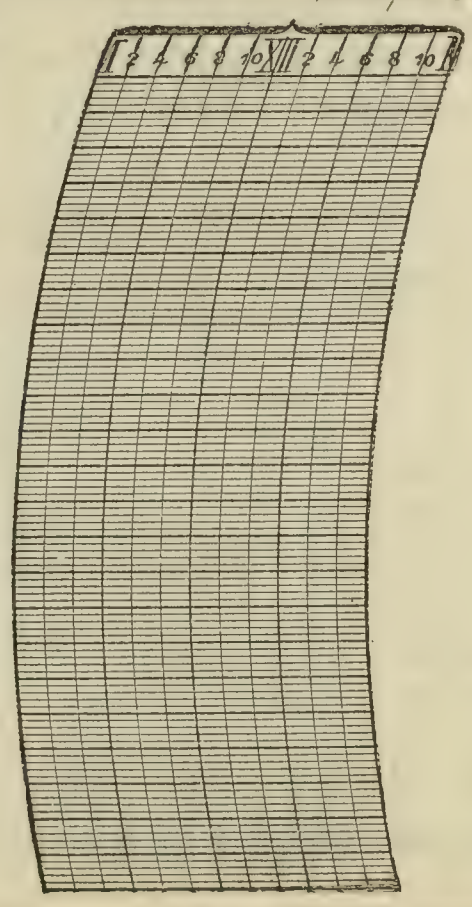
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

x Eye observation.

NOTES.







Prepared by S. P. S.

Verified by S. P. S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) APR 9 1912 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	46	45	46	47	47	48	54	57	62	65	64
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Moon visible					Clear					Cloudy	
Sunrise: Time, Character,	5:26 Clear											
Sunshine (in tenths of hours)						.57 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	SW
Wind movement	9	9	11	12	16	14	14	18	21	19	22	21
Maximum velocities (exceeding 25 miles) direction and time									8:41 SW 26		10:42 W 26	11:21 W 25

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	66	68	66	63	63	60	59	58	55	54	53
State of weather: Nature of precipitation and time of beginning and ending								RB 7:05	RE 8:50			
Amounts of precipitation								T	T			
Cloudiness and other conditions				Partly cloudy		Cloudy						
Sunset: Time, Character,									6:29 Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.3	0	0					
Wind direction	W	SW	SW	SW	SW	SW	W	W	W	W	W	W
Wind movement	17	20	21	20	19	11	10	7	5	6	3	4
Maximum velocities (exceeding 25 miles) direction and time		1:35 SW 27	2:43 SW 25	3:23 SW 25								

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
68	45	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Partly cloudy Moon phase, C

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 10.9

Possible sunshine, hours, 13.0

Percentage of possible sunshine, 84

Prevailing direction Southwest

Total movement, 329

Average hourly velocity, 13.7

Maximum velocity,	Direction,	Time.
27	SW	1:35 pm
Extreme vel., 30	SW	1:36 pm

Relative humidity, 58 a. m. ..... p. m.

Reduced barometer, 30.0 a. m. ..... p. m.

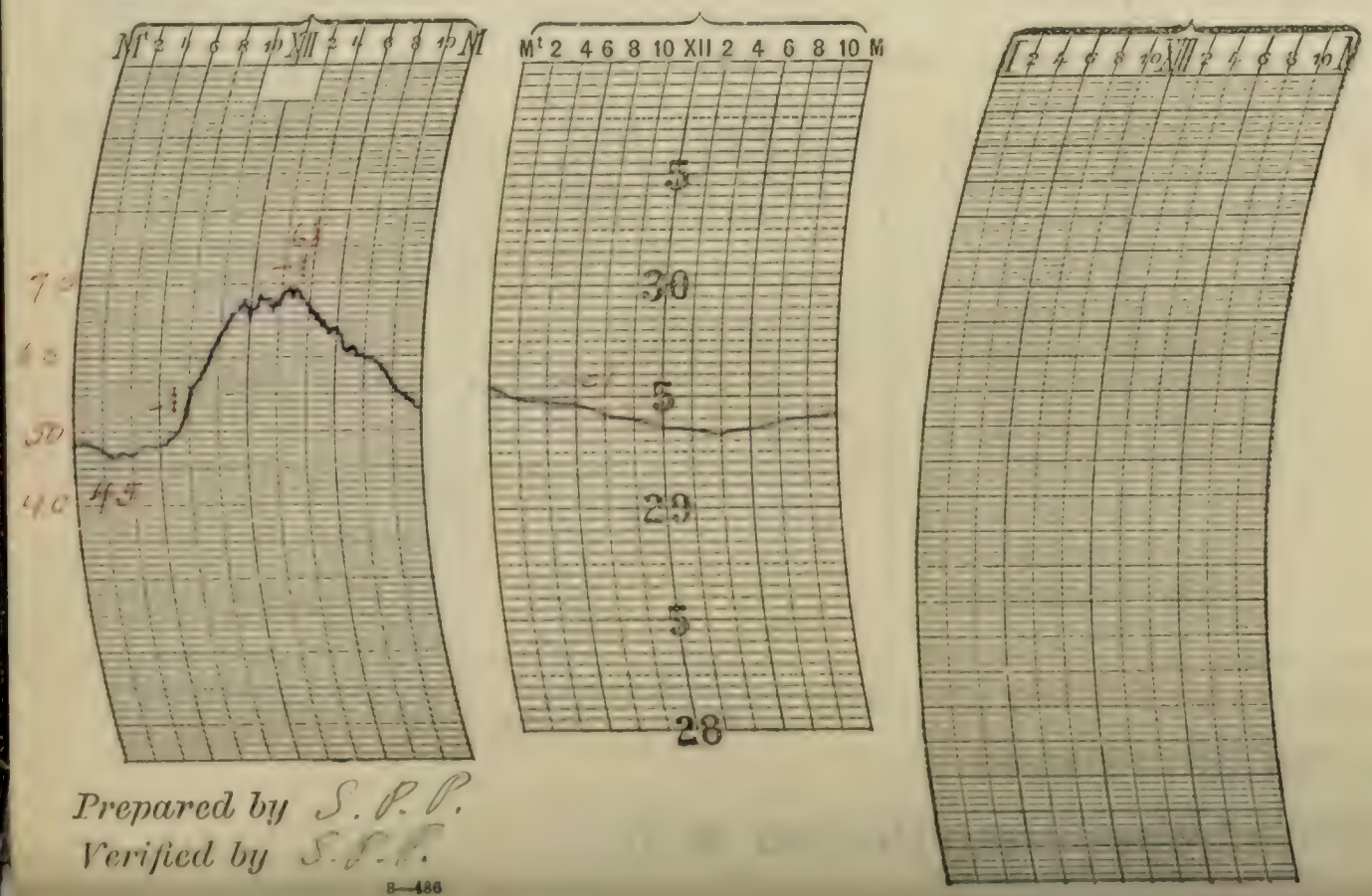
River gage, 23.0 [illegible]

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

NOTES.



Prepared by S. P. P.
Verified by S. S. K.

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) APR 10 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	44	41	38	36	36	38	43	49	57	61	64
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation		moon										
Cloudiness and other conditions		visible								clear		
Sunrise: Time, Character,	5:24 Clear											
Sunshine (in tenths of hours)						1.60 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0
Wind direction	W	NE	NE	NE	NE	NE	NE	E	E	SE	SE	SE
Wind movement	4	10	10	9	8	7	6	9	6	5	5	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	66	66	67	67	66	64	61	60	58	56	54
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, Character,									6:30 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	× 1.0	0.1 0.9	.50 0					
Wind direction	S	S	S	S	S	S	SE	SE	SE	S	S	S
Wind movement	6	8	7	7	7	5	3	2	3	2	2	3

Maximum velocities (exceeding 25 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
68	36	52	48

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 0

Actual sunshine, hours, 13.1

Possible sunshine, hours, 13.1

Percentage of possible sunshine, 100

Prevailing direction Southe

Total movement, 141

Average hourly velocity, 5.9

Maximum velocity,	Direction,	Time.
14	NE	2:52 am

Extreme vel. 14-NE-2:52 am

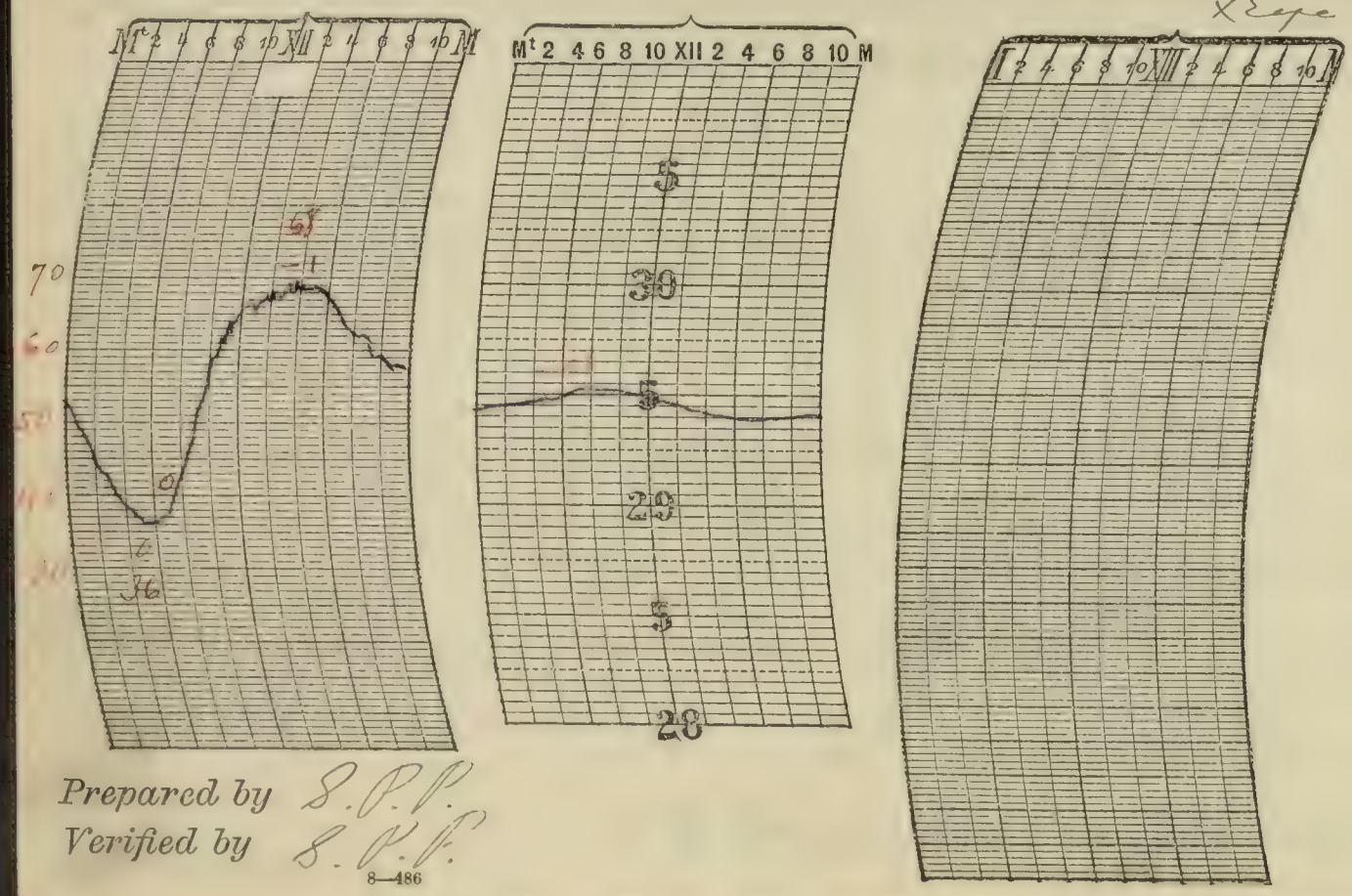
Relative humidity, 81 a. m. p. m.

Reduced barometer, 30.05 a. m. p. m.

River gage, 22.6, falling

× Eye observation.

NOTES.



Prepared by S. P. P.
Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) APR 11 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	56	53	50	50	49	50	55	60	65	68	69	70	71	72	72	72	70	67	65	64	63	63	[illegible]
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Clear				Cloudy						Pt Cldy						Clear			
Sunshine (in tenths of hours)	Sunrise: Time, 5:23; Character, Clear					6	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0		Sunset: Time, 6:31; Character, Clear			
Wind direction	SW	SW	W	SW	SW	S	S	S	SW	SW	SW	S	SW	SW	SW	SW	SW	S	SW	S	S	SW	SW	SW
Wind movement	4	5	2	2	2	2	2	3	5	5	4	10	9	10	10	12	13	8	8	5	6	4	4	7
Maximum velocities (exceeding 25 miles) direction and time																								

Excessive precipitation, accumulated amount:	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

× Sun observation.

Maximum.	Minimum.	Mean.	Normal.
73	47	61	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cldy; moon phase,

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 13.1

Possible sunshine, hours, 13.1

Percentage of possible sunshine, 100

Prevailing direction, Southwest

Total movement, 142

Average hourly velocity, 5.9

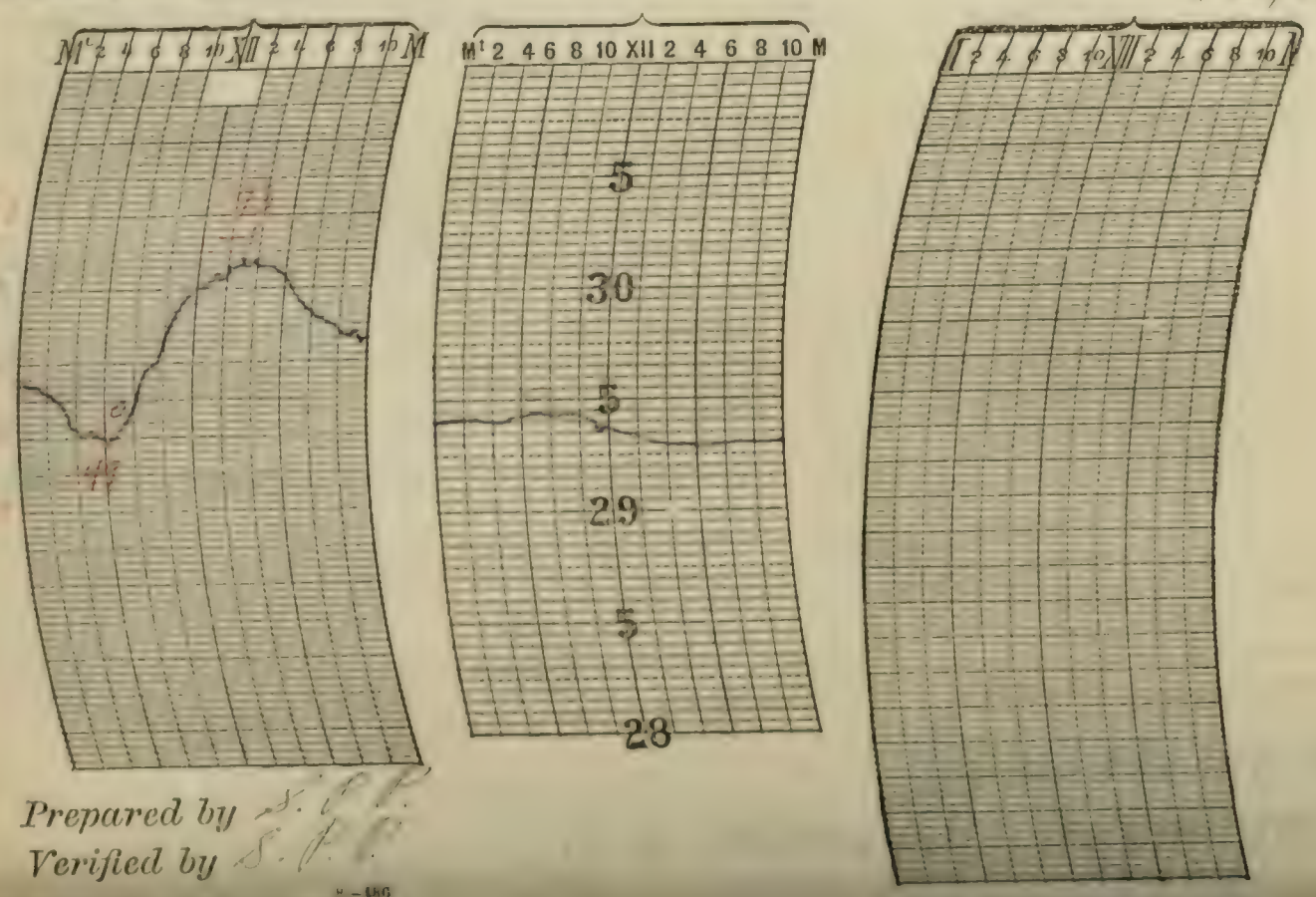
	Maximum velocity.	Direction.	Time.
	15	SW	3:41 p. m.
Extreme vel.	15	SW	3:41 p. m.

Relative humidity, 85 a. m. ____ p. m.

Reduced barometer, 30.02 a. m. ____ p. m.

River gage, 22.2 falling

NOTES.



Prepared by S. F. C.

Verified by S. F. C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) APR 12 1912, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	61	57	58	57	56	58 -1	64	67	67	67 -1	65	63	63	63	62	56	53	52	51	50	45	44	46
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Pt Cldy		×		Cloudy															
Sunshine (in tenths of hours)	Sunrise: Time, 5:21; Character, Clear					.65 0	0.7× 0.3 ×	1.0	1.0	1.0	1.0	1.0	0.3	0	0	0	0	0	0		Sunset: Time, 6:32; Character, Cloudy			
Wind direction	SW	SW	SW	SW	SW	SW	W	SW	NE	NE	NE	NE	NE	NE	NE	NE	E	NE	E	E	NE	NE	NE	E
Wind movement	6	3	2	1	1	2	1	1	6	6	7	12	11	7	3	4	11	13	12	13	10	13	13	8
Maximum velocities (exceeding 25 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
68	46	57	49

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 9

Actual sunshine, hours, 7.0

Possible sunshine, hours, 13.2

Percentage of possible sunshine, 53

Prevailing direction Northeast

Total movement, 167

Average hourly velocity, 7.0

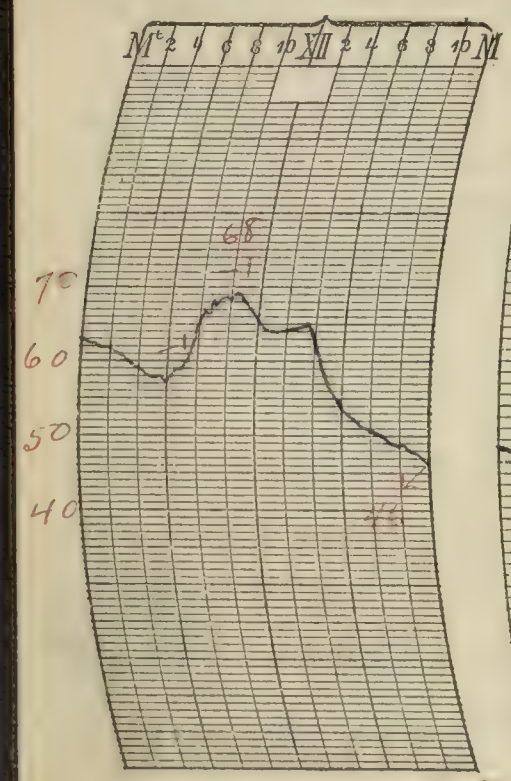
	Maximum velocity,	Direction,	Time.
Extreme vel.	20	NE	10:17 pm
	21	NE	10:15 pm

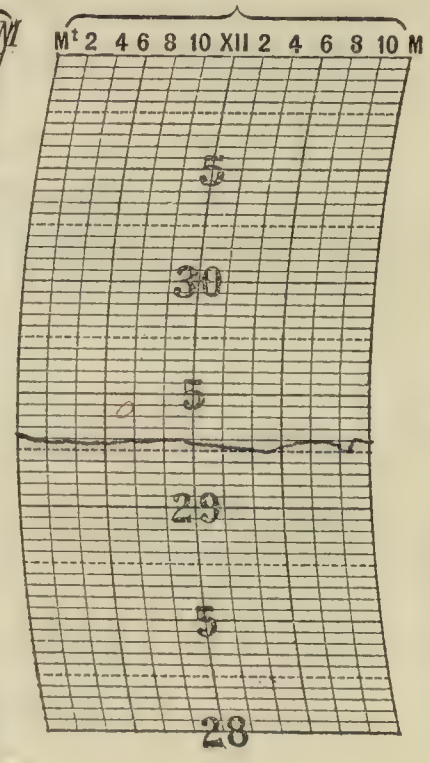
Relative humidity, 87 a. m. ____ p. m.

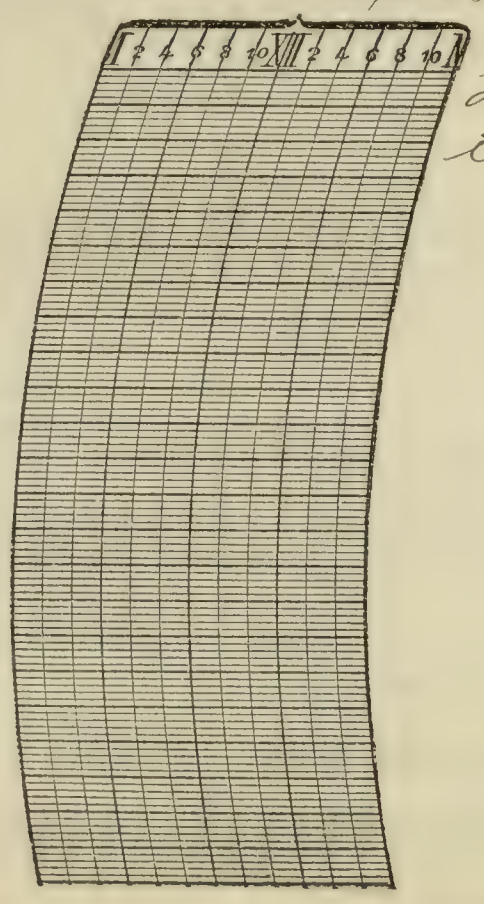
Reduced barometer, 29.84 a. m. ____ p. m.

River gage, 21.8, falling

× Eye observation.







NOTES.

Lightning was observed in the west about 4 am.

Prepared by S. P. P.
Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL, (Day of week) Saturday, (Date) APR 13 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	46	46	46	47	47	48	50	51	52	55	58
State of weather: Nature of precipitation and time of beginning and ending								Misting began 7:15		Misting ended 9:30		
Amounts of precipitation								T	T	T		
Cloudiness and other conditions		Dense fog					Cloudy		Dense fog			
Sunrise: Time, Character,	5:20 Cloudy											
Sunshine (in tenths of hours)						0	0	0	0	0	0.3	0.6
Wind direction	NE	NE	NE	E	NE	NE	E	NE	E	E	E	E
Wind movement	9	8	10	10	8	12	9	10	8	10	13	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	65	65	67	68	66	61	57	55	57	57	57
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		Cloudy										
Sunset: Time, Character,									6:33 Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.2	0	0					
Wind direction	E	E	E	SE	E	SE	E	E	E	E	E	E
Wind movement	7	12	14	15	15	15	19	19	17	17	16	14

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amount

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
69	45	57	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 5.1

Possible sunshine, hours, 13.2

Percentage of possible sunshine, 39

Prevailing direction East

Total movement, 301

Average hourly velocity, 12.5

	Maximum. velocity,	Direction,	Time.
	23	E	6:05 pm
Extreme vel.	24	E	6:07 pm

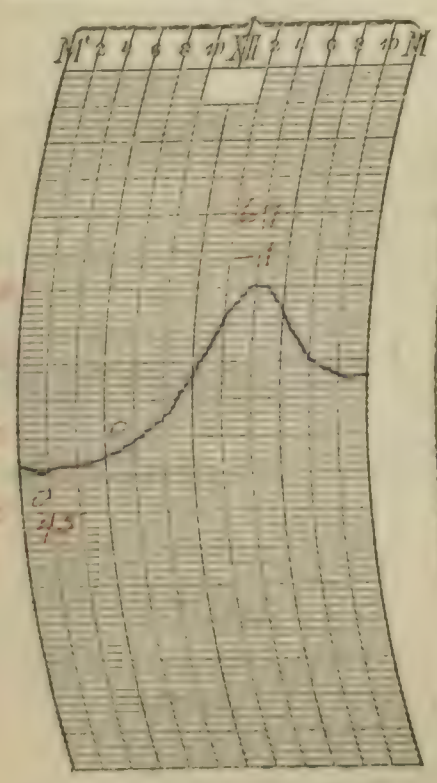
Relative humidity, 100 a. m. p. m.

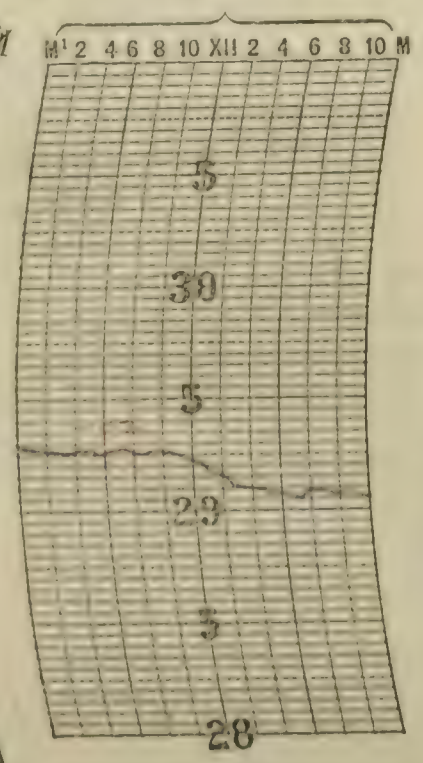
Reduced barometer, 29.82 a. m. p. m.

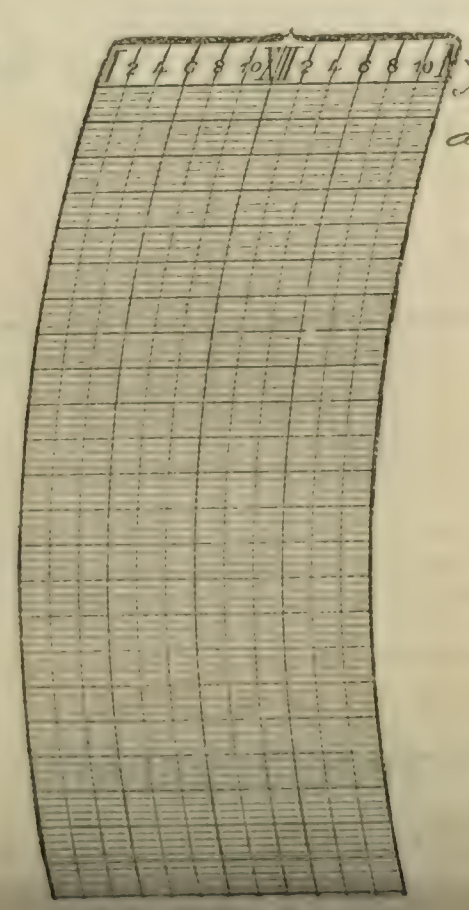
River gage, 21.4, falling

NOTES.

Dense fog formed D 11a, became light at 7:40 am and disappeared at 10:50 am







Prepared by [illegible]

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) APR 14 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	58	59	58	57	55	56	62	64	67	70	70	72	73	74	74	73	72	68	66	63	62	66	65
State of weather: Nature of precipitation and time of beginning and ending		RBDHa		RBDHa																				
Amounts of precipitation		.06																						
Cloudiness and other conditions											Clear													
Sunrise: Time, Character	5:18		Clear																		Sunset: Time, Character		6:34	Clear
Sunshine (in tenths of hours)						.70 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	x 1.0	x 0.4 0.6	.57 0					
Wind direction	E	SE	SE	E	S	SW	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	13	6	5	5	1	6	5	7	12	18	22	20	23	26	25	23	21	15	13	10	7	11	22	18
Maximum velocities (exceeding 25 miles) direction and time											10:20 SW 26	11:39 SW 26	12:55 SW 30	1:08 SW 30	2:17 SW 30	3:23 SW 28	4:15 SW 27						10:14 SW 26	

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	74	55	64	49

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .06 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .06 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 0

Actual sunshine, hours, 13.3

Possible sunshine, hours, 13.3

Percentage of possible sunshine, 100

Prevailing direction Southwest

Total movement, 334

Average hourly velocity, 13.9

	Maximum velocity,	Direction,	Time.
	30	SW	2:17 pm
Extreme vell,	33	SW	1:28 pm

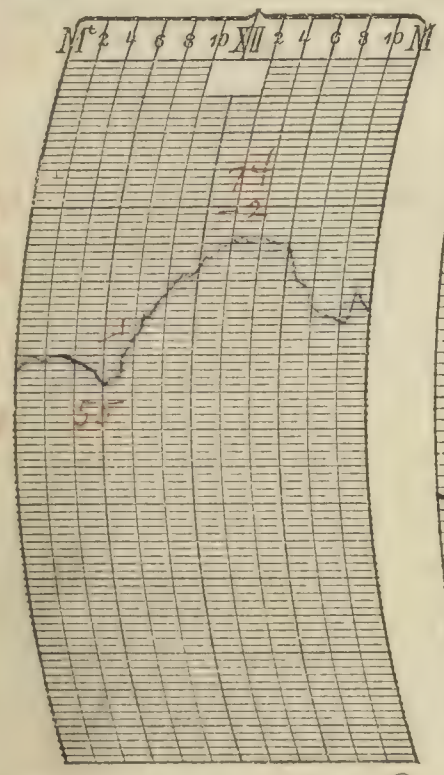
Relative humidity, 88 a. m. p. m.

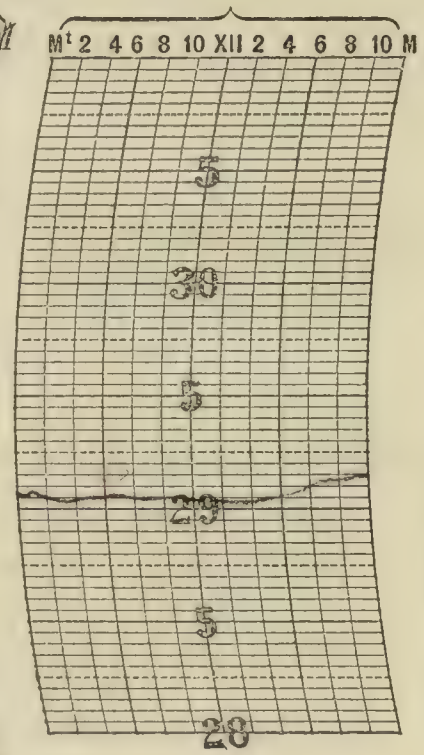
Reduced barometer, 29.62 a. m. p. m.

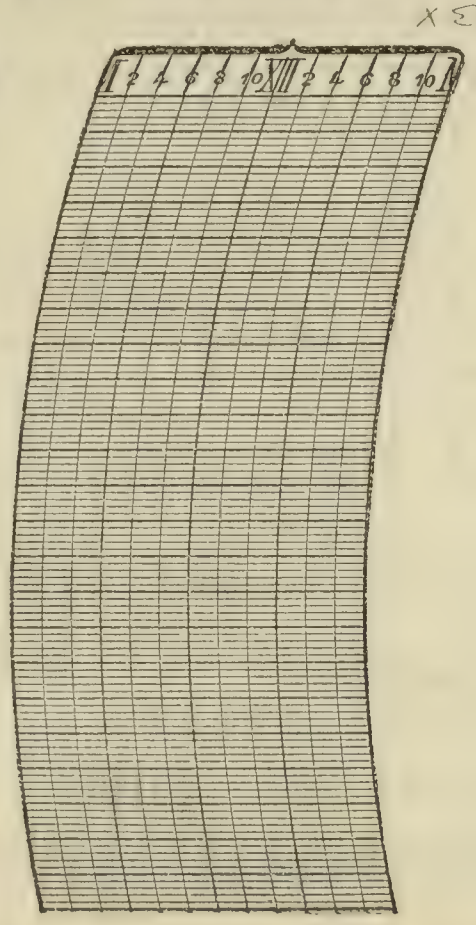
River gage, 21.3, falling

x Eye observation

NOTES.







Prepared by S. O. P.
Verified by S. O. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Monday, (Date) APR 15 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	62	57	57	57	56	54	54	55	55	56	56
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear				Partly cloudy	
Sunshine (in tenths of hours)						.72 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	W	SW	W	W
Wind movement	11	13	9	11	13	15	17	19	19	21	21	20
Maximum velocities (exceeding 25 miles) direction and time										9:08 SW 26		

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	59	60	60	59	57	53	52	50	45	45	46
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.5	0.4	.58 0					
Wind direction	W	SW	SW	W	W	W	NW	W	NW	NW	NW	NW
Wind movement	19	18	14	15	11	11	9	7	11	9	8	5

Sunrise: Time, 5:17; Character, Clear

Sunset: Time, 6:35; Character, Clear

State of weather.

Excessive precipitation, accumulated amounts.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
65	46		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., ins.; to 7 p. m., ins.

Total precipitation, midnight to midnight, inches.

Character of day, Clear. Moon phase,

Average daily cloudiness (0-10) 2

Actual sunshine, hours, 12.2

Possible sunshine, hours, 13.3

Percentage of possible sunshine, 92

Prevailing direction Southwest

Total movement, 326

Average hourly velocity, 13.6

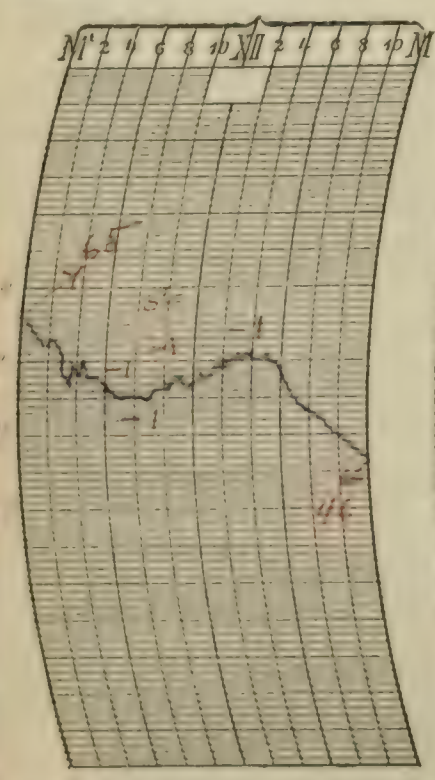
Maximum velocity,	Direction,	Time.
26	SW	9:08 am

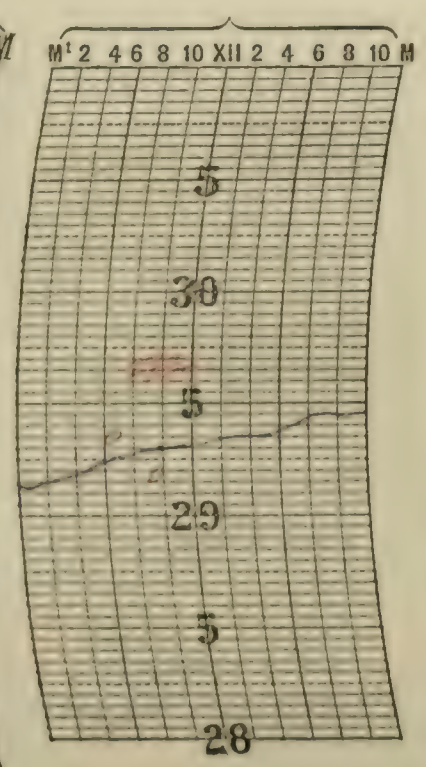
Extreme vel., 26 — SW — 9:08 am

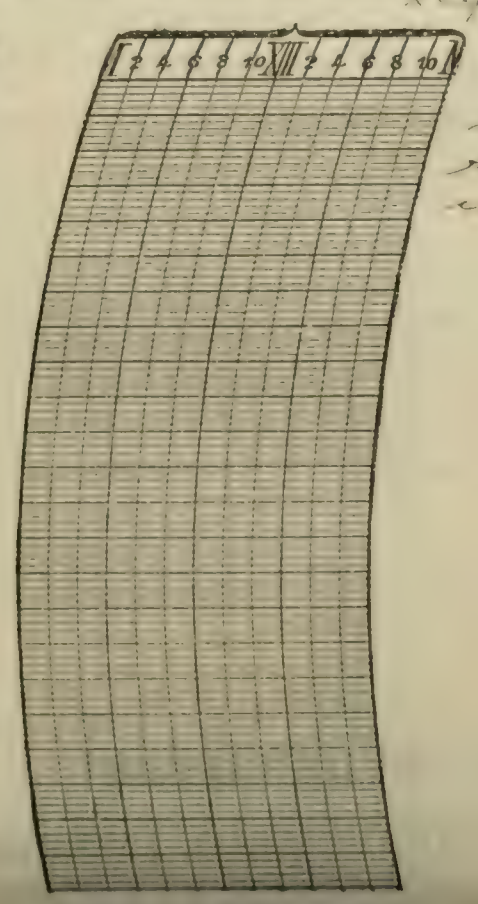
Relative humidity, 59 a. m. p. m.

Reduced barometer, 29.82 a. m. p. m.

River gage, 21.3, Over standard







NOTES.

A frost warning was contained in this morning's forecast message, which was received at 8:45 am. All interests were notified.

Prepared by S.P.P.
Verified by S.P.P.

R—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) APR 16 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	43	43	43	40	42	44	46	47	49	49	50
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Cloudy					Cloudy				
Sunshine (in tenths of hours)						.45 0	0.3 0.4	1.0	0.4	0.7	0.4	1.0
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	N	NE	NE	NE
Wind movement	5	4	4	7	6	7	5	9	9	9	8	9

Sunrise: Time, 5:15 Character, Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	49	49	50	44	42	40	40	39	39	39	38
Sunshine (in tenths of hours)	0.4	0	0	0	0	0	0					
Wind direction	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	10	11	10	13	17	15	12	15	14	14	14	12

Sunset: Time, 6:36 Character, Cloudy

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
51	38	44	50

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 7

Actual sunshine, hours, 5.0

Possible sunshine, hours, 13.4

Percentage of possible sunshine, 37

Prevailing direction Northeast

Total movement, 239

Average hourly velocity, 10.0

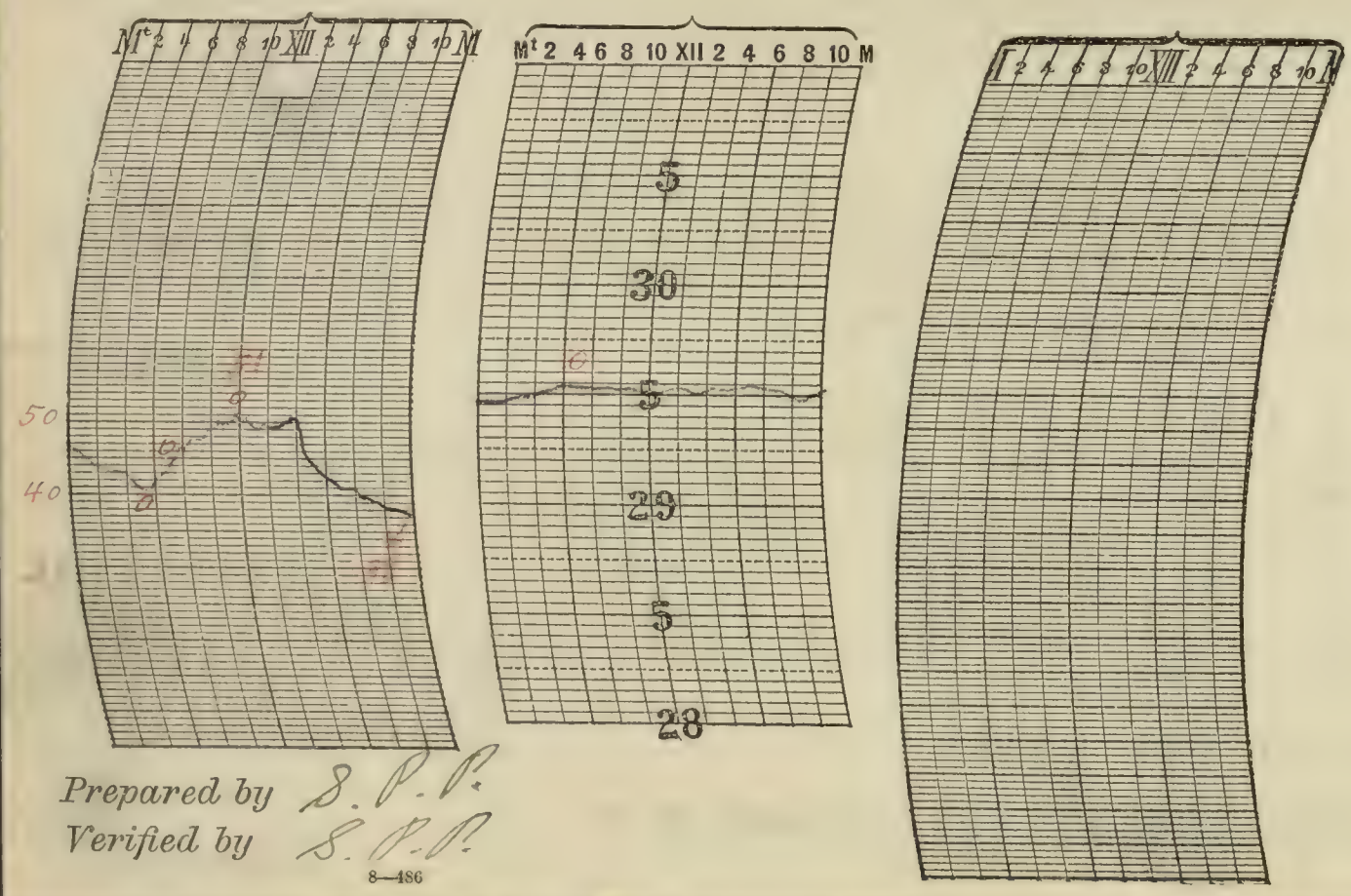
	Maximum velocity,	Direction,	Time.
Extreme Vel.	21	NE	7:48 pm
	21	NE	7:48 pm

Relative humidity, 80 a. m. p. m.

Reduced barometer, 30.11 a. m. p. m.

River gage, 21.0, falling

NOTES.



Prepared by S. P. P.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) APR 17 1912 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	37	37	36	36	36	35	34	35	35	34	34
						RB 5:30	+1			+1 RE 10:53 R+SLB 10:53	R+SLE 11:34 SLE+S 11:34	
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation						T	T	.04	.02	.01	.07	
Cloudiness and other conditions											Cloudy	
Sunrise: Time, 5:13 Character, Cloudy												
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	11	13	14	13	15	15	15	18	19	19	17	14
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	32	32	32	33	33	33	32	32	32	32	33
		+1	SLE+S 2:30 SLE 2:30									
State of weather: Nature of precipitation and time of beginning and ending	*								*			
Amounts of precipitation	.19	*			.48		*		.06			
Cloudiness and other conditions												
Sunset: Time, 6:38 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	NE	NE	NE	NE	NE	N	N	N	N	N	N	N
Wind movement	16	25	19	14	13	13	12	14	13	14	15	14
Maximum velocities (exceeding 25 miles) direction and time	12:58 NE 25	1:44 NE 30	2:07 NE 29									

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
38	32	35	50

Total depth of snow for 24 hours ending 7 p. m., 4.3* inches.

Snow on ground 7 p. m., 4.5 inches. Face of sleet about .2 in.

Total snowfall, midnight to midnight, 4.9* inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .81 ins.

Total precipitation, midnight to midnight, .87* inches.

Character of day, Cloudy; moon phase, ● 5:40 am

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 13.4

Percentage of possible sunshine, 0

Prevailing direction Northeast

Total movement, 365

Average hourly velocity, 15.2

	Maximum velocity,	Direction,	Time.
	30	NE	1:44 pm
Extreme Vel.,	34	NE	2:06 pm

Relative humidity, 86 a. m. ____ p. m.

Reduced barometer, 29.97 a. m. ____ p. m.

River gage, 20.5, falling.

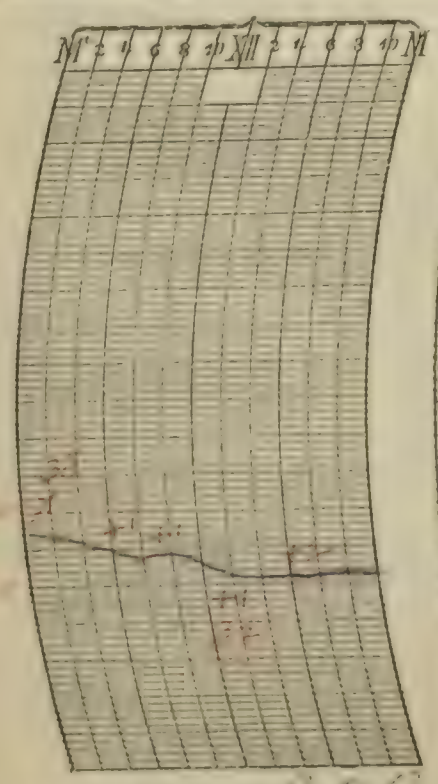
Excessive precipitation, accumulated amounts.

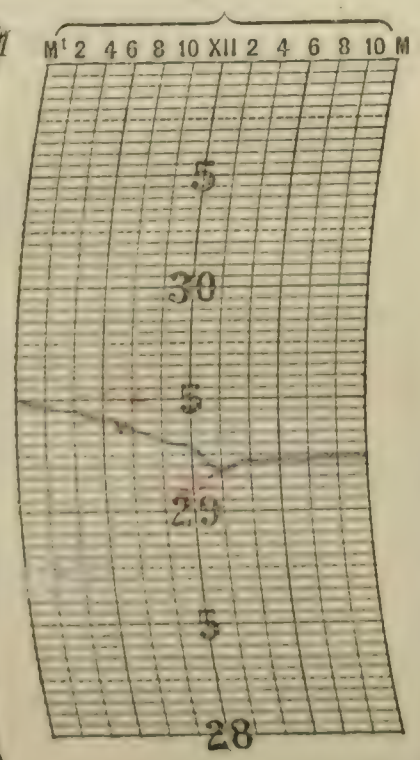
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

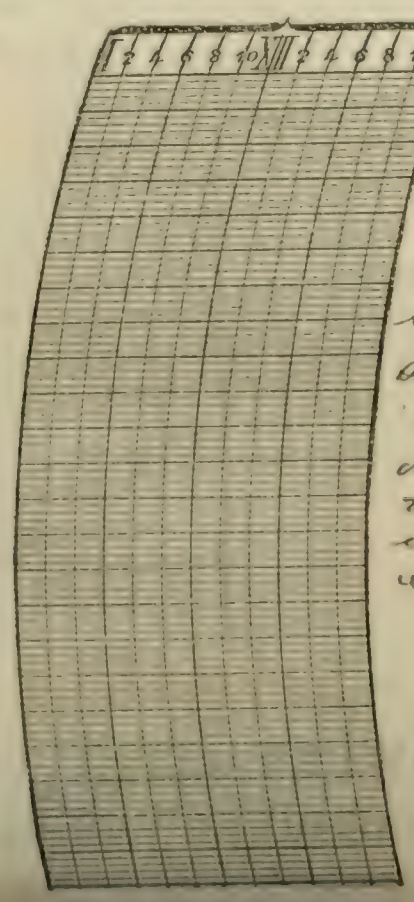
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

* Estimated.







NOTES.

A special observation was taken at 1:44 pm on account of rapidly falling barometer. The observation was telegraphed to Washington.

The tipping bucket was removed from the rain gage at 1:50 pm on account of sleet, snow, and freezing temperature.

The snowstorm of today is the heaviest on record for April. The total fall for the 24 hrs. ending 7 am on the 18th was 5.6 inches, while the heaviest 24 hr fall previously was 4.0 inches on the 2nd in 1911.

Prepared by

Verified by S. P. P.

8—180

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) APR 1 8 1 , 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	32	32	31	31	31	31	31	32	34	36	36
						+1	+1	+1			snow 10:20	
State of weather: Nature of precipitation and time of beginning and ending				*								
Amounts of precipitation				.05	→	→	→	*	.01	→		
Cloudiness and other conditions				cloudy	→	→	→	→	→	→	→	→
Sunrise: Time, Character,	5:12 Cloudy											
Sunshine (in tenths of hours)						0	0	0.4	1.0	1.0	1.0	1.0
Wind direction	N	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	W
Wind movement	14	14	12	13	13	13	12	11	13	13	13	13
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	40	41	41	42	40	39	39	38	38	37	36
					+1							
Amounts of precipitation												
Cloudiness and other conditions	→	→	→	→	→	→	→	→				
Sunset: Time, Character,									6:38 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	x 1.0	.5	.63 0					
Wind direction	W	W	W	W	W	W	W	W	W	W	SW	W
Wind movement	15	14	14	12	11	7	7	5	6	5	7	8

Maximum.	Minimum.	Mean.	Normal.
42	31	36	51

Total depth of snow for 24 hours ending 7 p. m., 1.2 inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0.6* inches.

Precipitation to 7 a. m., .11 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .06* inches.

Character of day, Cloudy; Moon phase,

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 11.0

Possible sunshine, hours, 13.4

Percentage of possible sunshine, 82

Prevailing direction West

Total movement, 265

Average hourly velocity, 11.0

Maximum velocity,	Direction,	Time.
18	NW	1:20 pm
Extreme vel., 20	NW	1:21 pm

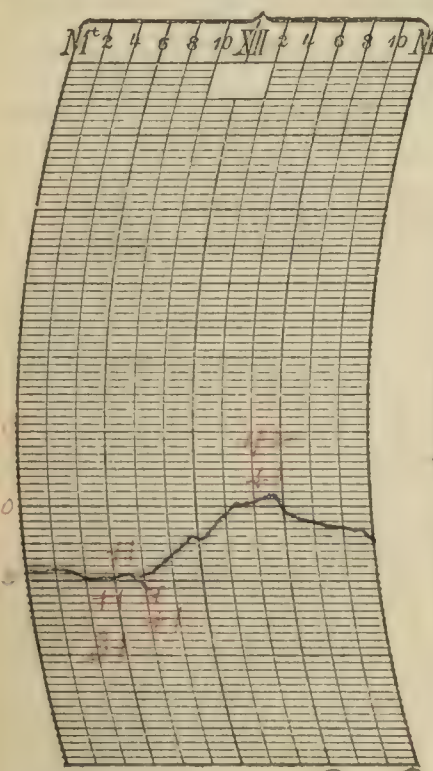
Relative humidity, 95 a. m. ____ p. m.

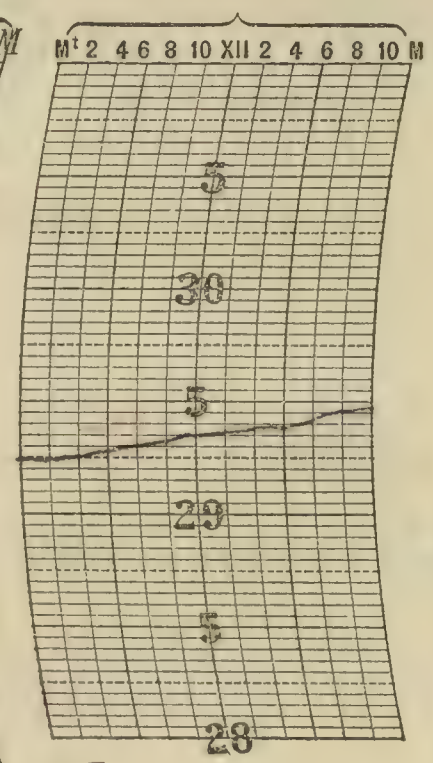
Reduced barometer, 29.87 a. m. ____ p. m.

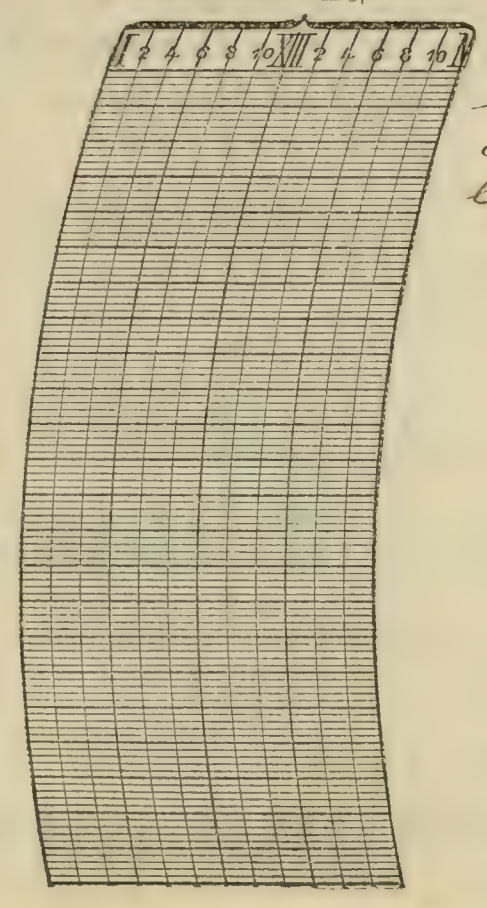
River gage, 20.3, falling

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

* Estimated. x Eye observation







NOTES.

A frost warning was contained in this morning's forcast message, which was received at 8:45 am, all interests were notified.

Prepared by S. P. P.
Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) APR 19 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	35	34	31	31	32	35	39	42	46	49	51	52	52	52	53	53	52	49	47	44	41	39	35
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear						Cloudy			Pt Cldy		Clear			Moon visible			
Sunrise: Time, Character,	5:11 Clear																							
Sunset: Time, Character,																					6:39 Clear			
Sunshine (in tenths of hours)						.82 0	4.8 0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.4	0.6 0	.65 0					
Wind direction	SW	W	W	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	NE	NE	NE
Wind movement	6	6	3	3	3	2	2	6	2	4	6	6	7	7	6	4	4	4	3	5	7	8	8	7
Maximum velocity (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
53	31	42	51

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cldy Moon phase,

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 12.4

Possible sunshine, hours, 13.5

Percentage of possible sunshine, 92

Prevailing direction Southwest

Total movement, 119

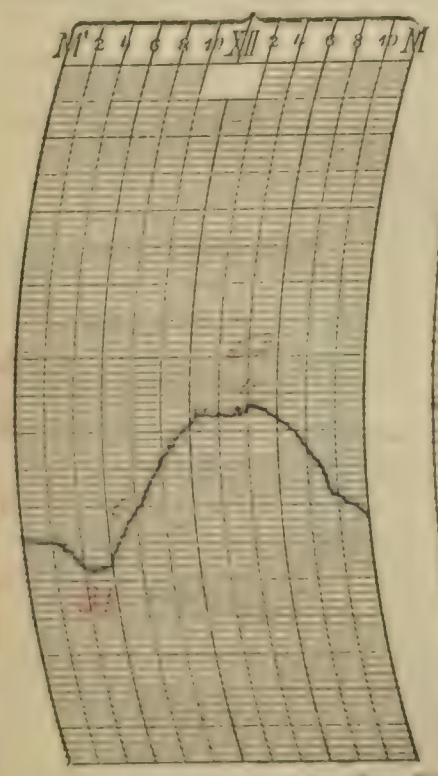
Average hourly velocity, 5.0

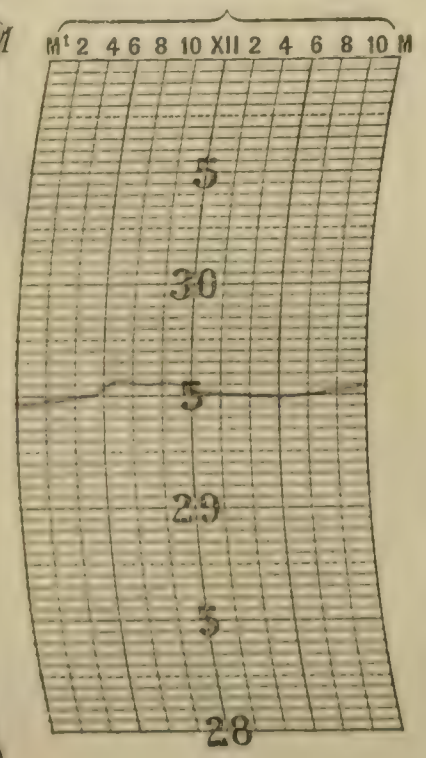
Maximum velocity,	Direction.	Time.
9	NE	8:55 p.m.
Extreme vel., 9	NE	8:55 p.m.

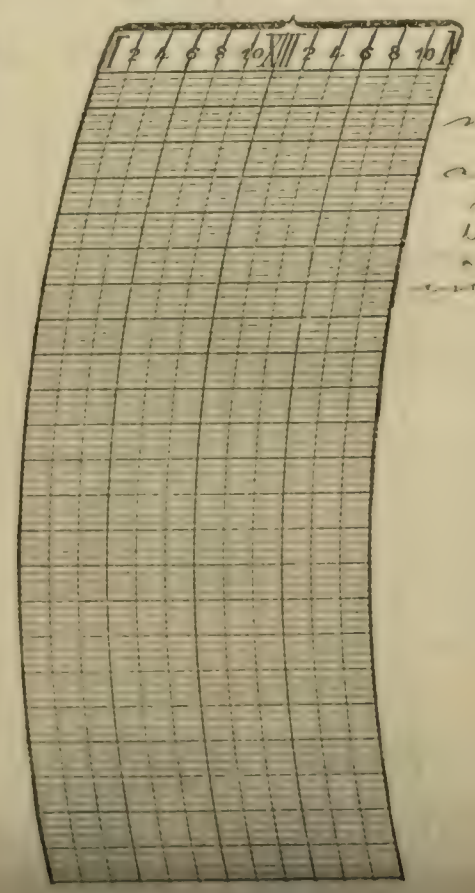
Relative humidity, 79 a. m. p. m.

Reduced barometer, 30.14 a. m. p. m.

River gage, 20.8, falling







NOTES.

A hicking frost was observed this morning. The minimum temperature was 31 degrees.
The tipping bucket was again installed at 1:47 pm today.

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) APR 20 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	38	37	37	35	36	36	38	47	52	55	56	57	58	58	59	59	59	58	56	54	53	52	51	47
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions			Cloudy										Pt Cldy								Moon visible			
Sunrise: Time, Character,	5:09 Cloudy																				Sunset: Time, Character, 6:41 Clear			
Sunshine (in tenths of hours)						0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.5	0.7 0.1	.68 0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	SE	SE	SE	SE	SE	SE	E	E	E	E	E	E	E
Wind movement	5	6	3	3	3	4	4	5	2	5	7	7	6	7	7	5	8	6	7	7	6	10	8	8
Maximum velocities (exceeding 25 miles) direction and time																								

Maximum.	Minimum.	Mean.	Normal.
60	35	49	—

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cldy Moon phase,

Average daily cloudiness (0–10) 6

Actual sunshine, hours, 11.0

Possible sunshine, hours, 13.5

Percentage of possible sunshine, 81

Prevailing direction East

Total movement, 139

Average hourly velocity, 5.8

Maximum velocity,	Direction,	Time.
10	E	9:50 pm

Extreme vel., to E 9:50

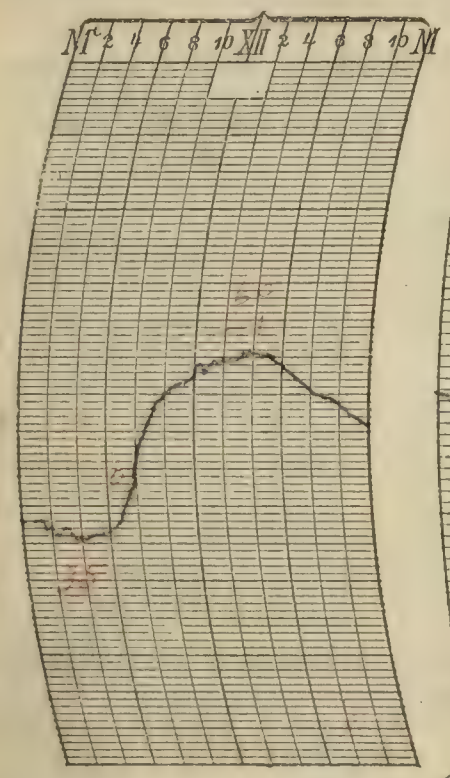
Relative humidity, 80 a. m. p. m.

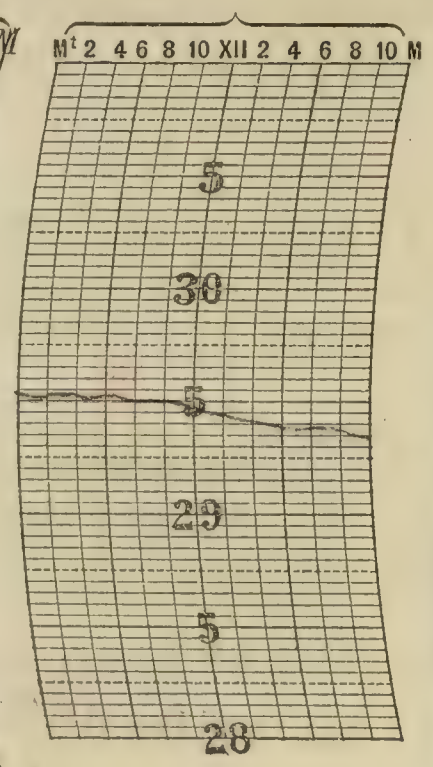
Reduced barometer, 30.10 a. m. p. m.

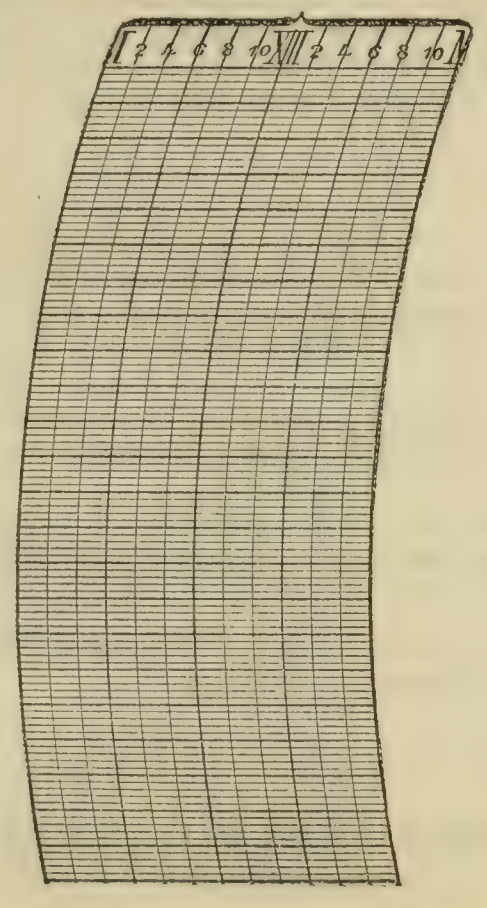
River gage, 21.1, rising

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

NOTES.







Prepared by S. P. P.
Verified by S. P. P.

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) APR 21 1912 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	50	53	53	53	52	52	55	58	61	63	64
							RB 6:20	RE 7:40				
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation							.01	.01				
Cloudiness and other conditions							Cloudy	→ Clear	→ Pt Cldy			
Sunshine (in tenths of hours)						0	0	0	1.0	1.0	1.0	1.0
Wind direction	E	E	E	SE	SE	SE	S	SE	SE	SE	S	S
Wind movement	9	7	11	12	12	16	13	17	16	20	20	20

Sunrise: Time, 5:08; Character, Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	67	64	65	68	69	65	61	58	56	54	52
			RB 2:26	RE 3:37								
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation			.01	.03								
Cloudiness and other conditions			Cloudy	→ Clear					Moon visible			
Sunshine (in tenths of hours)	0.6	0.6	0.1	0.4	1.0	1.0	.60 .10					
Wind direction	S	SW	S	S	SW	SW	W	SW	SW	W	W	W
Wind movement	19	20	18	11	13	17	18	10	9	8	12	13

Sunset: Time, 6:42; Character, Clear

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum.	Minimum.	Mean.	Normal.
69	49	59	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .06 ins.

Total precipitation, midnight to midnight, .06 inches.

Character of day Pt Cldy. Moon phase, 6

Average daily cloudiness (0-10)

Actual sunshine, hours, 8.4

Possible sunshine, hours, 13.6

Percentage of possible sunshine, 62

Prevailing direction Southeast & South

Total movement, 341

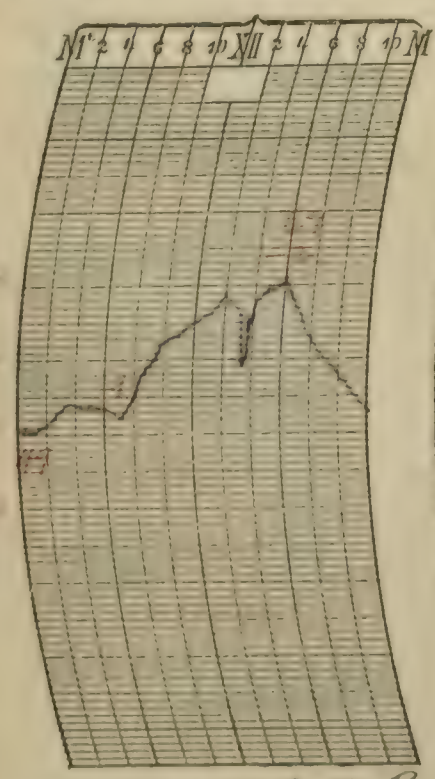
Average hourly velocity, 14.2

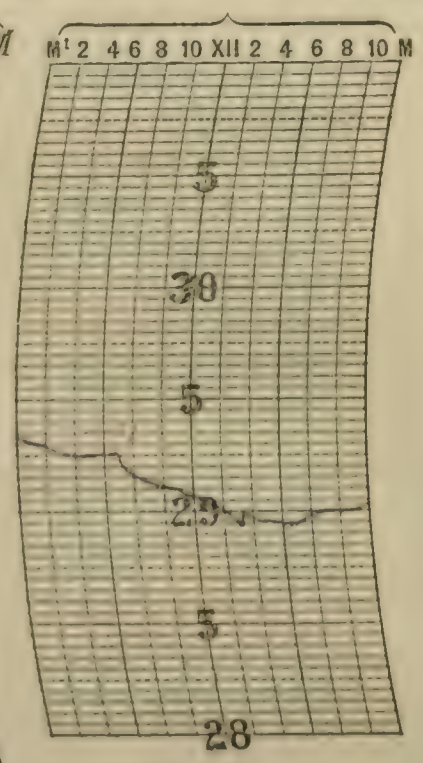
Maximum velocity,	Direction.	Time.
25	SW	5:55 pm
27	SE	7:08 am

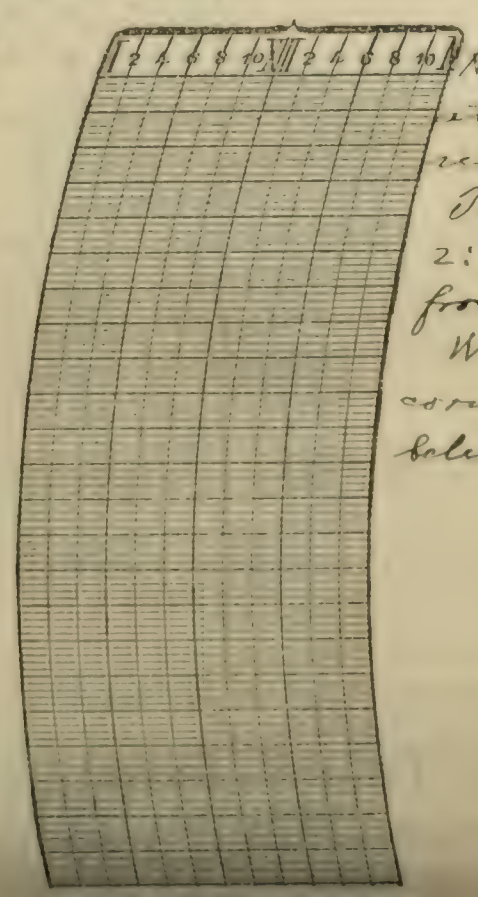
Relative humidity, 84 a. m. p. m.

Reduced barometer, 29.81 a. m. p. m.

River gage, 21.0, falling







NOTES.

Hail storms were reported for today at Grand Ridge, near Streator, and also north of La Salle.

Thunderstorm: First thunder heard at 2:21 pm; last heard at 3:25 pm. Storm came from southwest.

Winds of tornadic character destroyed barns, corn cribs, and sheds today in districts lying between Ottawa and Streator.

Prepared by S. P. S.

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Monday, (Date) APR 22 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	50	50	51	47	45	43	43	42	42	44	49	51	52	56	56	56	55	51	48	45	44	43	43
							0		0	0						-1								
State of weather: Nature of precipitation and time of beginning and ending				mist			began 6:30		ended 9:10															
Amounts of precipitation							T	T	T	T														
Cloudiness and other conditions				Cloudy												Pt Cldy	Clear				moon visible			

Sunrise: Time, 5:06 Character, Cloudy

Sunset: Time, 6:43 Character, Clear

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0	0	0	0.9	0.6	0.9	1.0	0.9	1.0	1.0	.52 .20					
Wind direction	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	10	14	14	13	16	16	15	12	16	15	17	15	16	15	16	16	16	13	8	7	6	9	8	9
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	56	41	48	52

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cldy Moon phase,

Average daily cloudiness (0-10) 7

Actual sunshine, hours, 7.0

Possible sunshine, hours, 13.6

Percentage of possible sunshine, 51

Prevailing direction Northwest

Total movement, 312

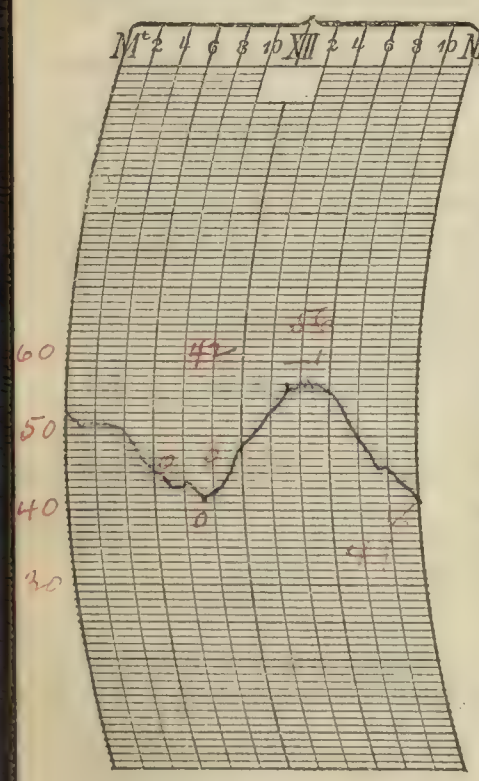
Average hourly velocity, 13.0

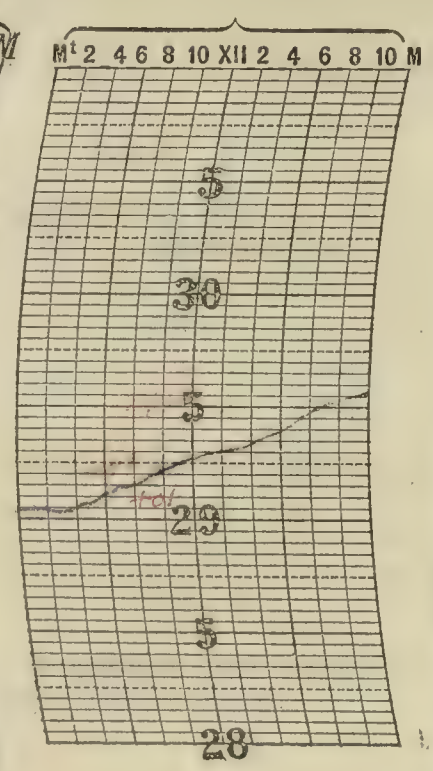
	Maximum velocity,	Direction,	Time.
Extreme vel.,	20	W	5:04 am
	23	W	2:58 pm

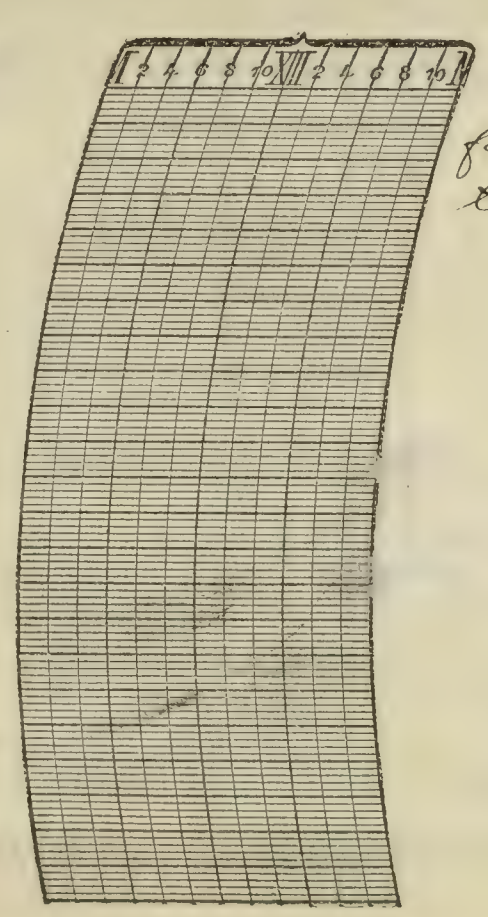
Relative humidity, 92 a. m. ____ p. m.

Reduced barometer, 29.68 a. m. ____ p. m.

River gage, 21.1, rising







NOTES.

A frost warning was contained in the forcast message received at 8:46 am today. All interests were notified.

Prepared by S. O. P.
Verified by S. O. P.

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) APR 23 1912, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	40	39	37	37	37	37	40	44	51	56	59	61	62	64	64	65	64	63	58	56	55	53		
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				Clear									Partly Clear									Clouds		
Sunshine (in tenths of hours)						.92 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	.72 0					
Wind direction	NW	NW	NW	W	N	NW	NW	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	7	6	3	4	4	3	3	5	8	11	13	14	16	16	15	15	16	13	10	9	10	10	11	13
Maximum velocities (exceeding 25 miles) direction and time																								

Sunrise: Time, 5:05; Character, Clear

Sunset: Time, 6:44; Character, Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
65	35		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear. Moon phase,

Average daily cloudiness (0-10) 1

Actual sunshine, hours, 13.4

Possible sunshine, hours, 13.6

Percentage of possible sunshine, 99

Prevailing direction Southwest

Total movement, 235

Average hourly velocity, 9.8

Maximum velocity.	Direction.	Time.
21	SW	1:35 p.m.
22	SW	

Extreme vel.

Relative humidity, 73 a. m. p. m.

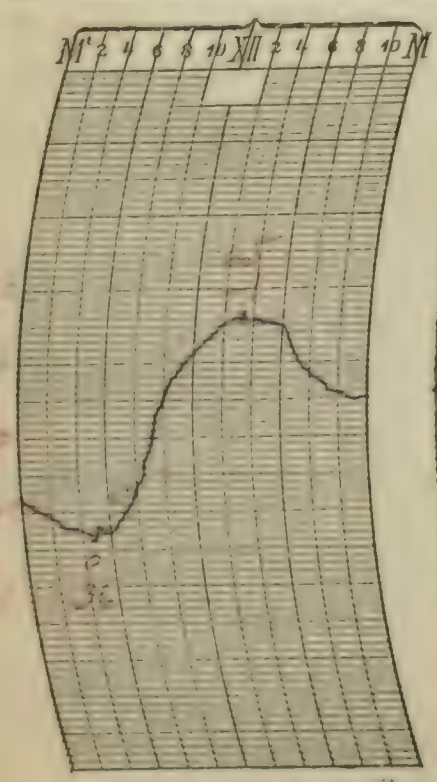
Reduced barometer, 30.26 a. m. p. m.

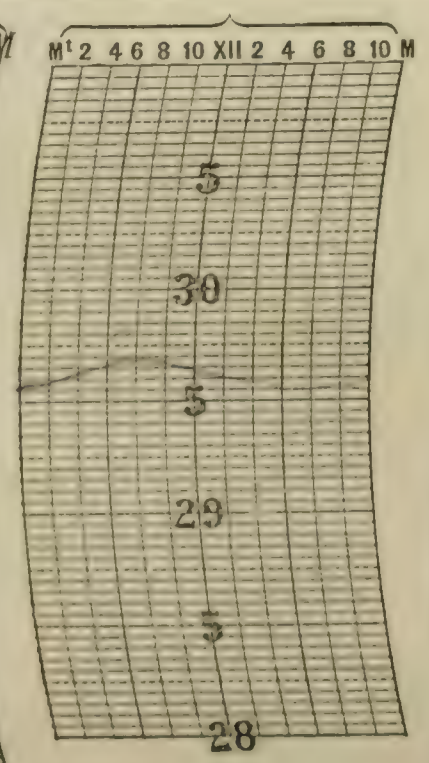
River gage, 21.1, on stand.

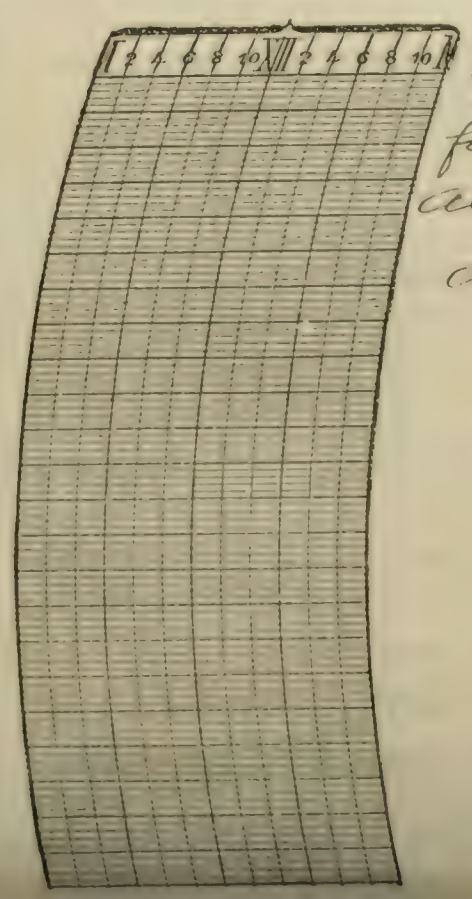
NOTES.

A frost warning was contained in the forecast message received at 8:41 am today. All interests were notified.

A light frost was observed this morning.







Prepared by S. H. C.

Verified by S. H. C.

2—186

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) APR 24 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	54	54	52	51	50	52	53	55	57	59	61
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Moon visible					Clear						
Sunshine (in tenths of hours)						.95 C	0.1 .9	1.0	1.0	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	NW	NW	N	NW	NW
Wind movement	10	10	13	14	11	9	9	8	10	11	8	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	65	65	66	67	65	62	59	56	54	53	
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									Moon visible			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	.55 .20					
Wind direction	NW	NW	NW	W	W	W	NW	NW	NW	SE	E	E
Wind movement	8	10	9	9	7	5	2	3	2	4	4	4

Sunrise: Time, 5:03 Character, Clear

Sunset: Time, 6:45 Character, Clear

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
67	50	58	53

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, D 2:47 am

Average daily cloudiness (0-10) 1

Actual sunshine, hours, 13.7

Possible sunshine, hours, 13.7

Percentage of possible sunshine, 100

Prevailing direction West and Northwest

Total movement, 188

Average hourly velocity, 7.8

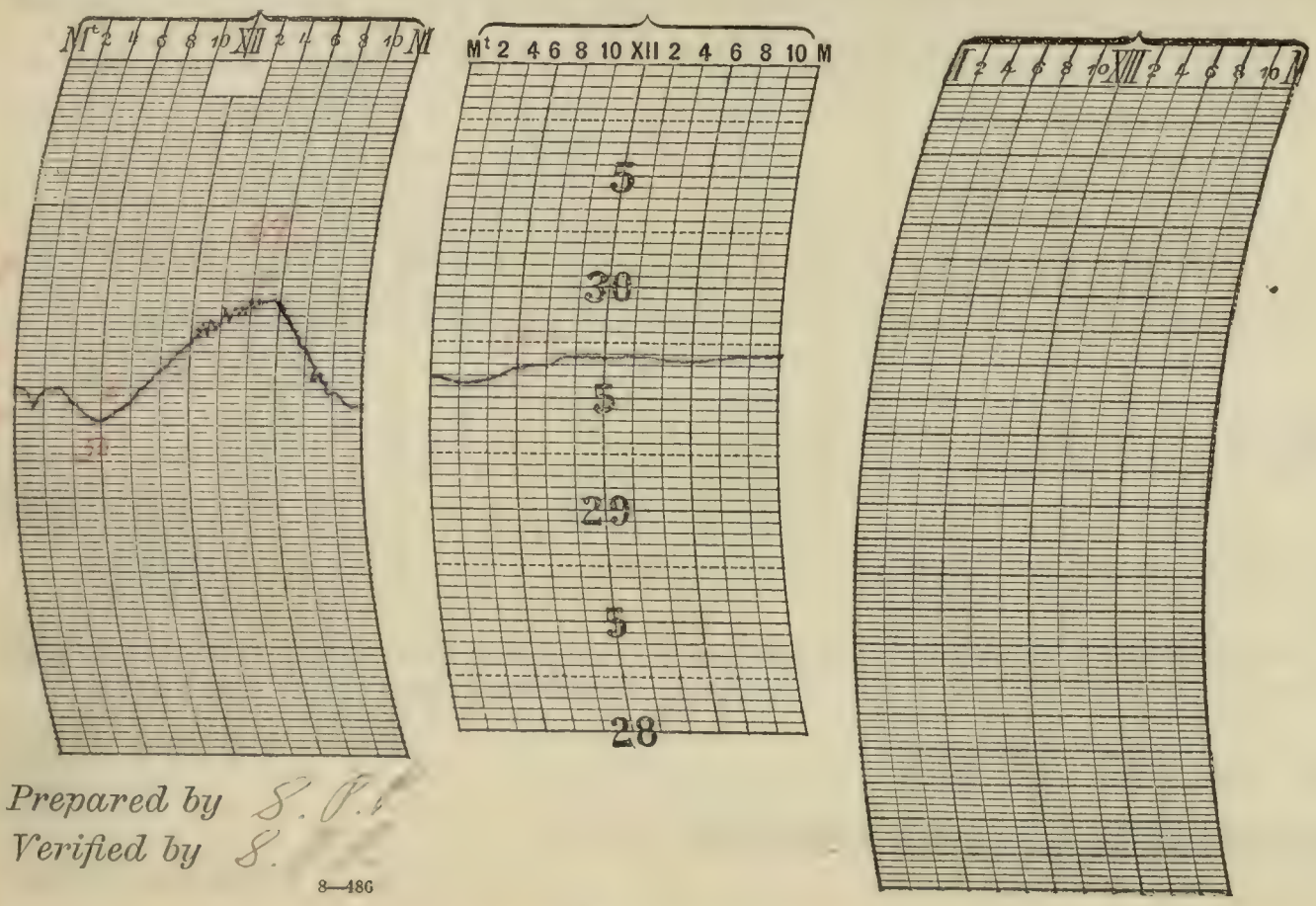
Maximum velocity,	Direction,	Time.
Extreme vel. 16	W	1:47 am
17	W	1:45 am

Relative humidity, 73 a. m. ____ p. m.

Reduced barometer, 30.24 a. m. ____ p. m.

River gage, 21.0, falling.

NOTES.



Prepared by S. O.

Verified by S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) APR 25 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	51	52	50	50	52	53	57	61	63	67	66	65	63	-1	8	64	62	62	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending																	R.B. 4:20	R.B. 5:58					R.B. 10:00	
Amounts of precipitation																	T	T					T	T
Cloudiness and other conditions	Hazy visibility				Pt cldy					Pt cloudy														
Sunshine (in tenths of hours)						.97 0	0.3 0.2	0.6	1.0	1.0	1.0	1.0	0.7	0.5	1.0	0.3	0	0	0					
Wind direction	E	E	E	E	E	E	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	S	S	[illegible]	[illegible]	S	S	SE	SE
Wind movement	4	8	8	6	6	10	15	17	17	16	17	[illegible]	18	16	17	18	17	15	15	12	14	15	14	14

Sunrise: Time, 5:02 Character, Clear

Sunset: Time, 6:46 Character, Cloudy

Maximum velocity 25 miles (exceeding ---- miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
69	48	57	[illegible]

Total depth of snow for 24 hours ending 7 p. m. 0 inches.

Snow on ground 7 p. m., ---- inches.

Total snowfall, midnight to midnight, ---- inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 1 ins.

Total precipitation, midnight to midnight, ---- inches.

Character of day, Cloudy Moon phase, ----

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 8.4

Possible sunshine, hours, 13.7

Percentage of possible sunshine, 61

Prevailing direction Southeast

Total movement, 327

Average hourly velocity, 13.6

Maximum velocity, 25 Direction, SE Time, 10

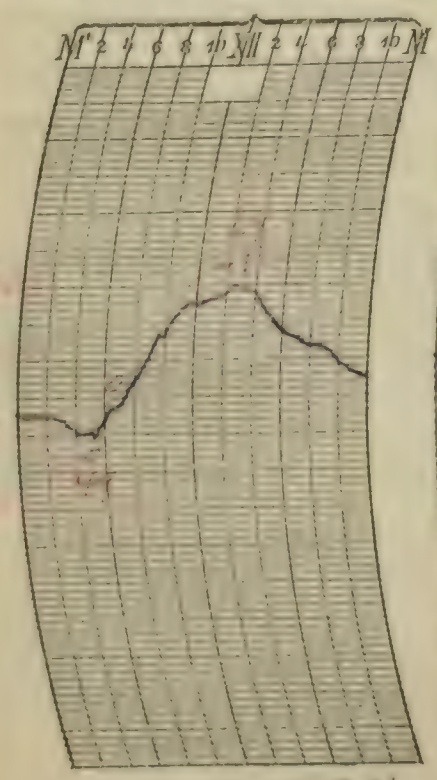
Extreme vel., 24 SE

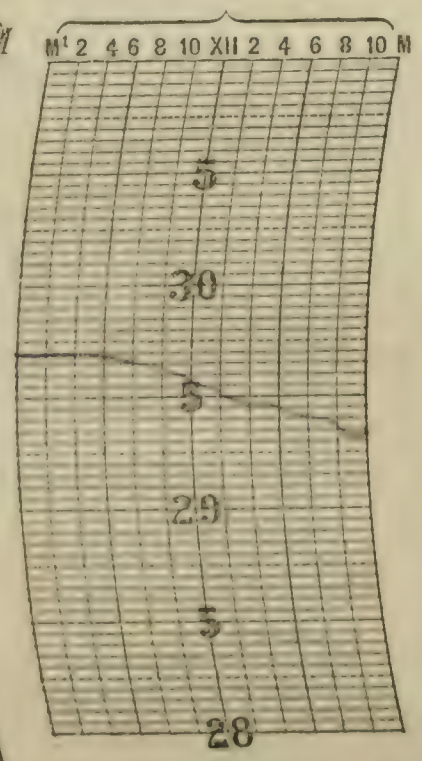
Relative humidity, ---- a. m. ---- p. m.

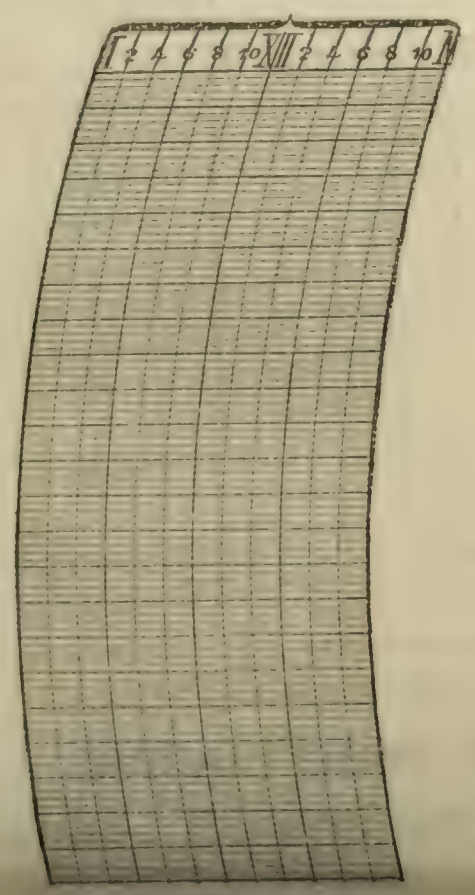
Reduced barometer, [illegible] a. m. ---- p. m.

River gage, [illegible]

NOTES.







Prepared by [illegible]

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE, ILL., (Day of week) Friday, (Date) APR 26 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	54	54	55	56	58	59	59	61	64	67	70
Nature of precipitation and time of beginning and ending			Rain									
Amounts of precipitation	.03	.08	.05									
Cloudiness and other conditions	Moon visible					Clear		Cldy		Pt Cldy		
Sunshine (in tenths of hours)						1.00	0.7	0.3	0.2	1.0	1.0	1.0
Wind direction	S	SW	SW	SE	S	S	SW	SW	SW	SW	SW	SW
Wind movement	18	27	25	25	25	25	22	27	28	31	31	29
Maximum velocities (exceeding 25 miles) direction and time	12:30 S 25	1:40 SW 32	2:55 SE 30	3:55 S 28	4:46 S 30	5:08 S 30	6:41 SW 28	7:44 SW 30	8:06 SW 32	9:47 SW 37	10:37 SW 37	11:20 SW 34

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	72	69	67	64	62	57	55	54	53	51	48
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear				Moon visible			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	.68 .10					
Wind direction	SW	SW	W	W	W	W	W	W	W	W	W	W
Wind movement	27	27	25	24	21	21	18	12	11	11	8	10
Maximum velocities (exceeding 25 miles) direction and time	12:20 SW 32	1:33 SW 33	2:32 W 28	3:32 W 27	4:10 W 26	5:05 W 25						

Sunrise: Time, 5:00; Character, Clear

Sunset: Time, 6:47; Character, Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
73	48	60	54

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .16 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .16 inches.

Character of day, Pt Cldy; Moon phase,

Average daily cloudiness (0-10) 5

Actual sunshine, hours, 13.0

Possible sunshine, hours, 13.8

Percentage of possible sunshine, 94

Prevailing direction Southwest & Northwest

Total movement, 528

Average hourly velocity, 22

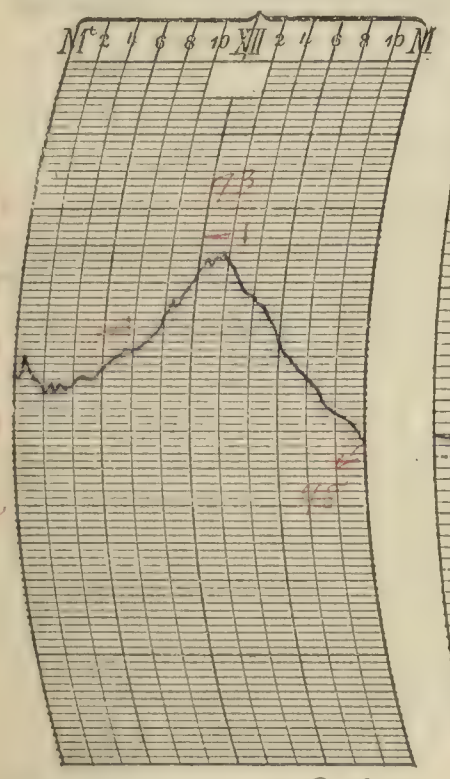
Maximum velocity, 37; Direction, SW; Time, 10:37 a.m.

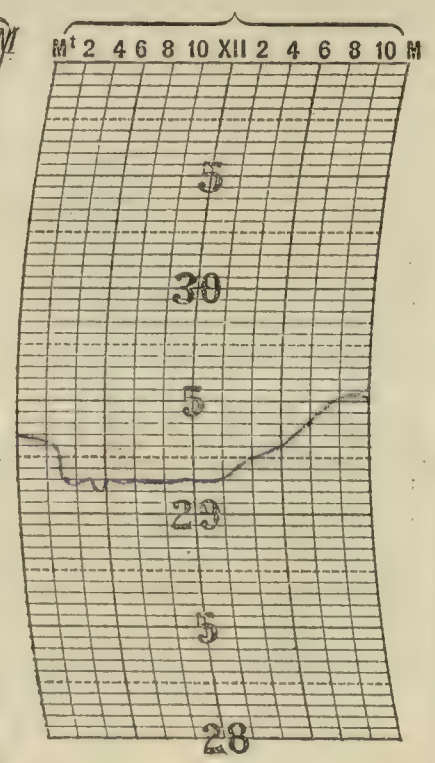
Extreme vel., 39 - SW - 10:37 a.m.

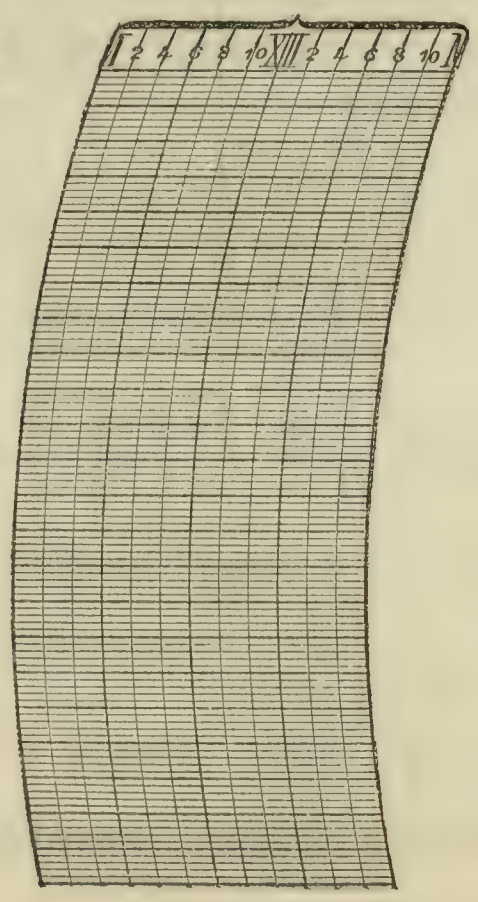
Relative humidity, 80 a. m. p. m.

Reduced barometer, 29.69 a. m. p. m.

River gage, 20.5 falling







NOTES.

Prepared by S. P. P.

Verified by S. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

APR 27 1912

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) ....., 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	46	43	40	39	37	38	40	42	44	48	52	52	55	58	60	59	59	59	56	48	43	41	42	43
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear						Clear														Clear			
Sunrise: Time, 4:59 Character, Clear																					Sunset: Time, 6:48 Character, Clear			
Sunshine (in tenths of hours)					.02 0	0.7 0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4 0.6	0					
Wind direction	W	NW	NW	NW	NW	NW	NW	N	N	NE	NE	N	N	N	NE	NE	NE	E	E	E	S	S	S	S
Wind movement	12	16	14	12	6	4	5	8	6	6	4	5	5	4	4	4	5	7	8	12	14	12	13	14
Maximum velocities (exceeding 25 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	62	37	50	50

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, ... inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear. Moon phase, ...

Average daily cloudiness (0-10), 1

Actual sunshine, hours, 13.8

Possible sunshine, hours, 13.8

Percentage of possible sunshine, 100

Prevailing direction East

Total movement, 200

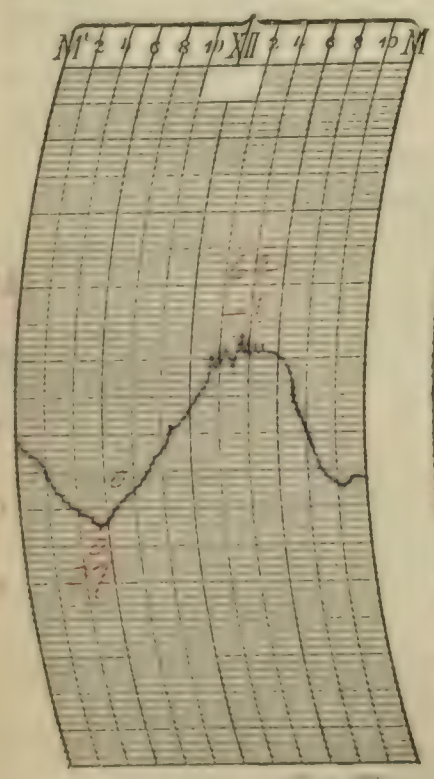
Average hourly velocity, 8.3

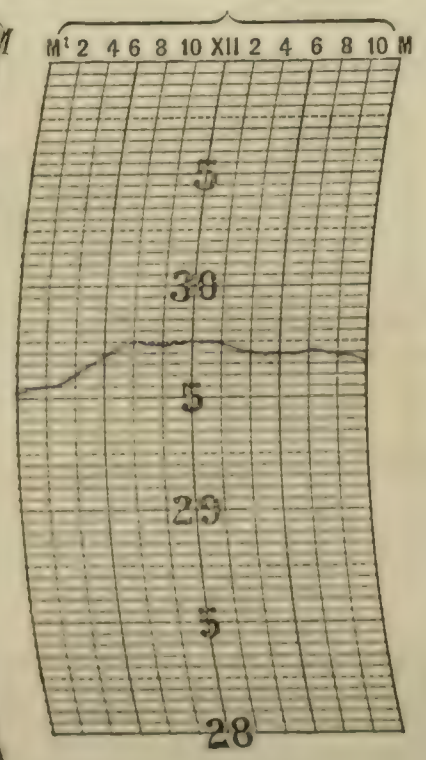
	Maximum velocity,	Direction,	Time.
Extreme wind,	19	W	1:27 a.m.
	19	W	1:27 p.m.

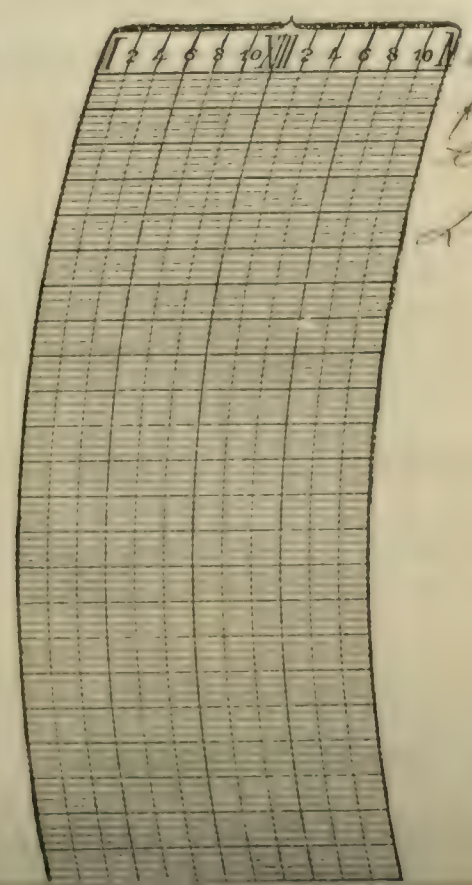
Relative humidity, ... a. m. ..... p. m.

Reduced barometer, ... a. m. ..... p. m.

River gage, Daily ..... feet







NOTES.

Frost warning contained in the forecast message received at 9:00 a.m. today. All interests notified. Lunar halo observed from 8 p.m. to 11 p.m.

Prepared by S. P. S.

Verified by S. P.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE, ILL., (Day of week) Sunday, (Date) APR 28 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	42	40	40	41	43	42	44	43	45	46	46
State of weather: Nature of precipitation and time of beginning and ending						RB 5:55						
Amounts of precipitation						T	.01	.09	.15	.04	.11	.08
Cloudiness and other conditions											Cloudy Day	
Sunrise: Time, Character,	4:58 Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	E	E	NE	E	E	E	E	E	E	E	E	E
Wind movement	12	10	11	14	15	16	16	15	19	17	18	18
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	46	45	44	44	43	42	42	41	41	40	40
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	.19	.14	.10	.21	.06	.02	T	T	T	T	?	?
Cloudiness and other conditions												
Sunset: Time, Character,									6:49 Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	E	E	E	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	20	16	17	19	19	17	17	19	19	20	18	15
Maximum velocities (exceeding 25 miles) direction and time	E 28											

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
46	40		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 1.20 ins.

Total precipitation, midnight to midnight, 1.20 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10)

Actual sunshine, hours, 0

Possible sunshine, hours, 13.8

Percentage of possible sunshine, 0

Prevailing direction East

Total movement, 399

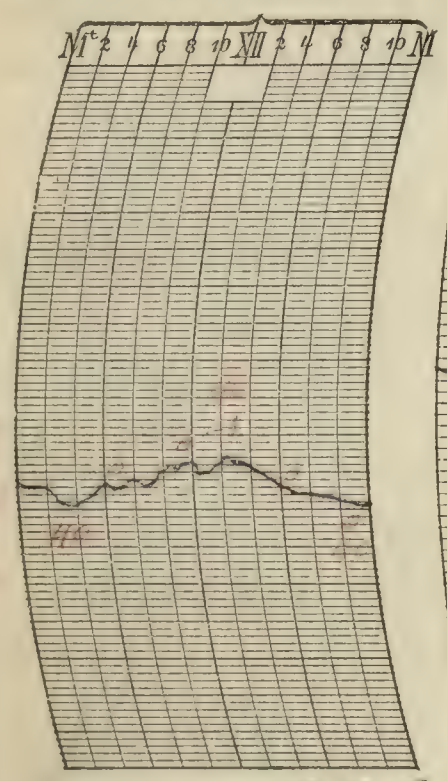
Average hourly velocity, 16.6

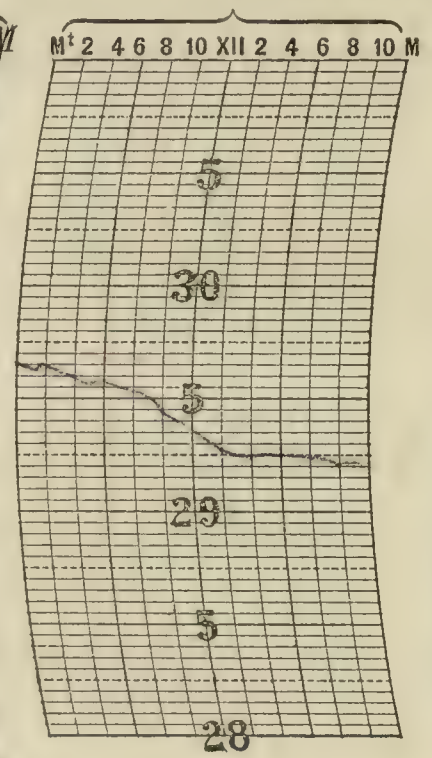
Maximum velocity,	Direction,	Time.
28	E	12:18 p.m.
Extreme vel.,	29-E	12:19 p.m.

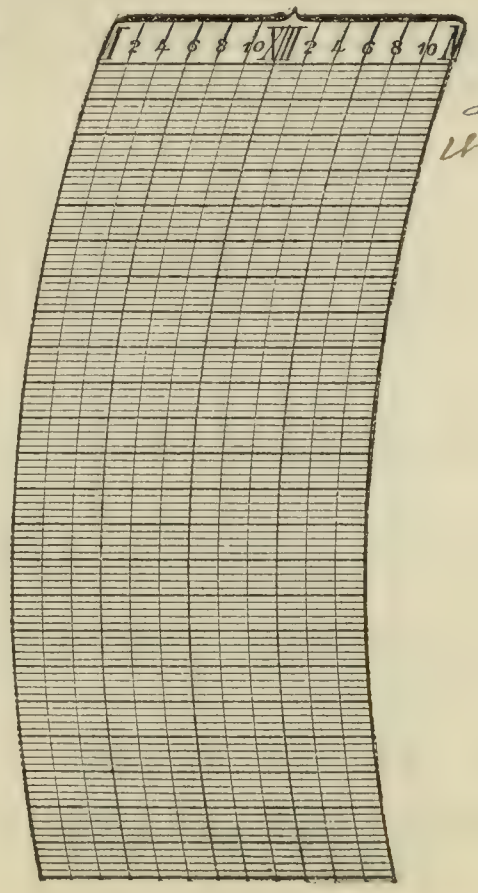
Relative humidity, 83 a. m. p. m.

Reduced barometer, 30.11 a. m. p. m.

River gage, 17.3







NOTES.

A special observation was taken at 12 noon and telegraphed to Washington. Pressure fell rapidly.

Prepared by S. P. C.

Verified by S. P. C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) APR 29 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	40	41	41	41	41	0			0	45	46	48	49	49	50	51	52	52	47	47	44	42	42
State of weather: Nature of precipitation and time of beginning and ending										48 9:10														
Amounts of precipitation	?	?	?	?	.08	.01	T	T	T	T														
Cloudiness and other conditions											Cloudy							Partly Clear					Clear	
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0	0	0	0	0	0.1	0	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	NE
Wind movement	13	14	14	16	15	17	17	17	16	15			17	13	16	18	13	9	9	9	12	8	7	8

Sunrise: Time, 4:56 Character, Cloudy

Sunset: Time, 6:50 Character, Clear

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
52	40		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .07 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .07 inches.

Character of day, Cloudy, Moon phase,

Average daily cloudiness (0-10) 9

Actual sunshine, hours, 1.5

Possible sunshine, hours, 13.9

Percentage of possible sunshine, 11

Prevailing direction Northeast

Total movement, 322

Average hourly velocity, 13.4

Maximum velocity, 23 Direction, NE Time, 2:52 p.m.

Extreme vel. 24 NE

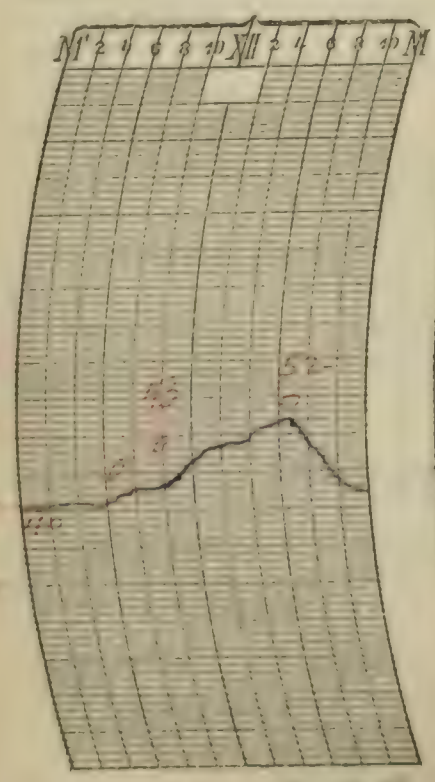
Relative humidity, 94 a. m. p. m.

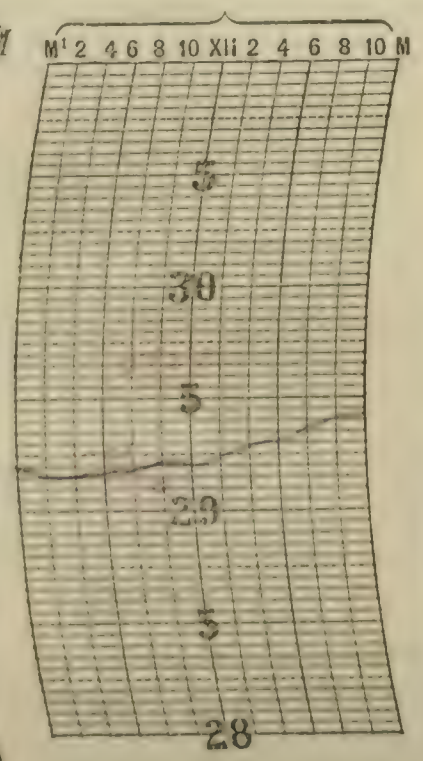
Reduced barometer, 29.79 a. m. p. m.

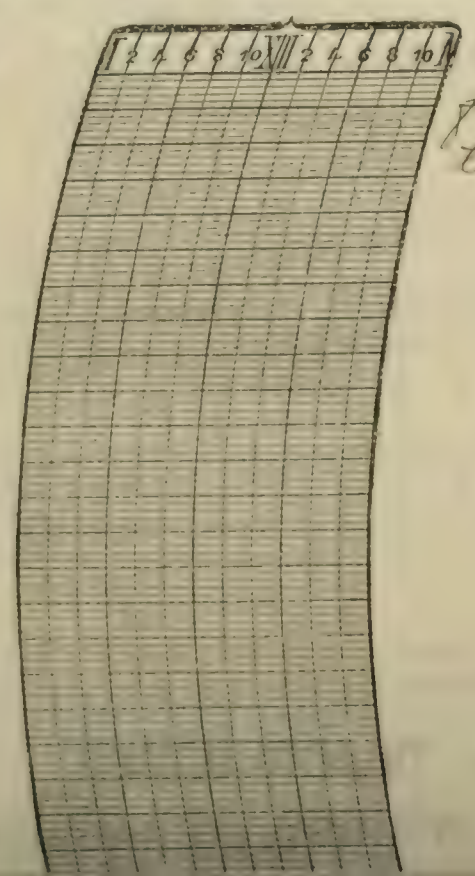
River gage, 19.5

NOTES.

A frost warning was contained in the forcast message received at 9:00 a.m. today. All interests were notified.







Prepared by S. L. L.

Verified by S. L. L.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) APR 30 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	39	38	36	35	37	40	45	50	53	56	59
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Moon visible				Clear				P.C.	Clear		
Sunrise: Time, Character,	4:55 Clear											
Sunshine (in tenths of hours)					.05 0	.07 0.3	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	E
Wind movement	8	5	4	5	5	4	7	8	6	10	12	9
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	61	61	61	61	60	58	55	51	49	46	47
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt Cldy				Clear					Moon visible		
Sunset: Time, Character,									6:51 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0 ×	.75 1.0					
Wind direction	E	E	E	E	E	E	SE	SE	E	E	E	E
Wind movement	12	11	11	11	14	12	11	7	8	8	6	5
Maximum velocities (exceeding 25 miles) direction and time												

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
61	35		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cldy Moon phase,

Average daily cloudiness (0-10) 4

Actual sunshine, hours, 13.9

Possible sunshine, hours, 13.9

Percentage of possible sunshine, 100

Prevailing direction East

Total movement, 199

Average hourly velocity, 8.3

Maximum velocity,	Direction,	Time.
16	E	4:25 p.m.
Extreme V 16	E	4:25 p.m.

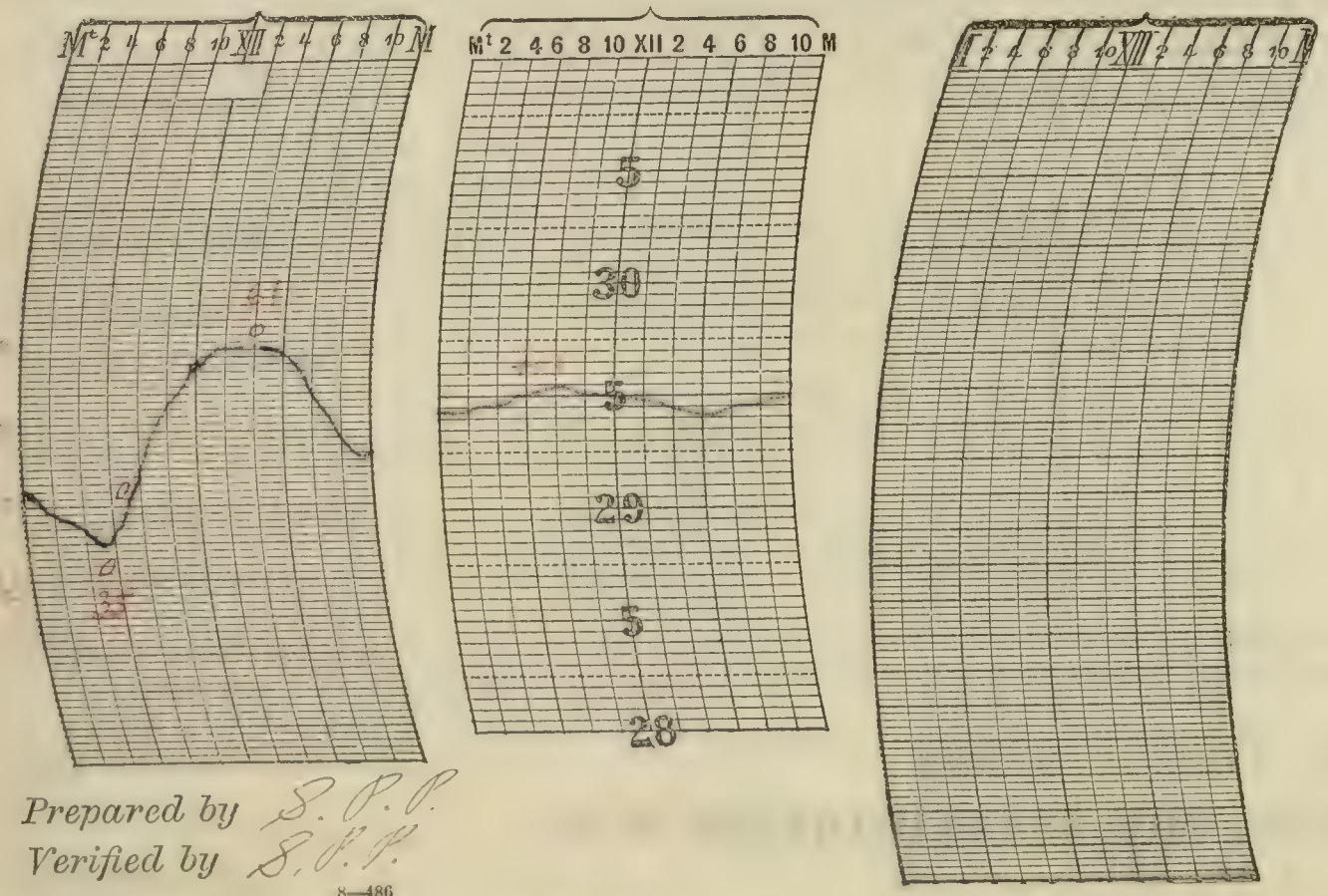
Relative humidity, 75 a. m. p. m.

Reduced barometer, a. m. p. m.

River gage, 2.3 rise

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

× Exp. obs. prevailing



NOTES.

A light frost was observed this morning.

Prepared by S. P. P.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) MAY 1 - 1912 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	49	50	50	50	50	50	53	54	55	57	60
State of weather: Nature of precipitation and time of beginning and ending						RB 5:10	RE 6:24					
Amounts of precipitation						.14	.04					
Cloudiness and other conditions						Cloudy						
Sunshine (in tenths of hours)					0	0	0	0.2	0	0	0.3	1.0
Wind direction	SE	SE	SE	SE	SE	SW	S	S	S	SW	SW	SW
Wind movement	10	7	10	8	7	8	12	13	14	14	15	12

Sunrise: Time, 4:54; Character, Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	65	69	71	69	69	67	66	64	63	62	59
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear				Clear	
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	× 1.0	0.6	.87 0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	9	8	6	5	4	2	1	1	1	3	4

Sunset: Time, 6:52; Character, Clear

Maximum velocity (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
Temperature	71	49	59	56

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .18 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .18 inches.

Character of day, Cloudy; moon phase, 0 7 14

Average daily cloudiness (0-10) 5

Actual sunshine, hours, 8.4

Possible sunshine, hours, 14.0

Percentage of possible sunshine, 60

Prevailing direction Southwest

Total movement, 183

Average hourly velocity, 7.6

Maximum velocity,	Direction,	Time.
17	S	8:25 a
18	S	

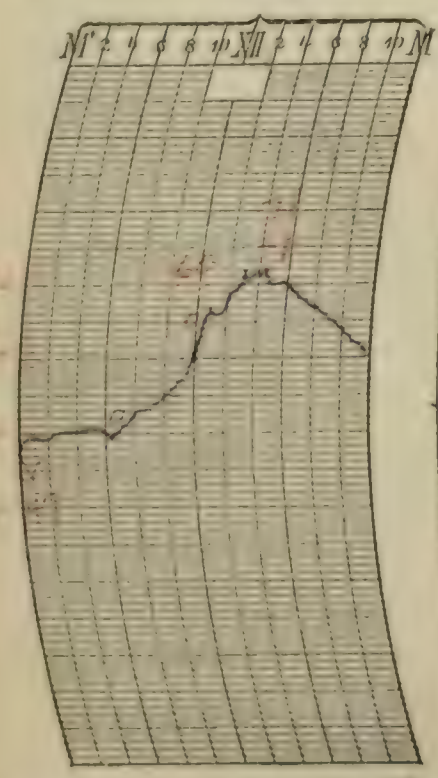
Extreme Vel.

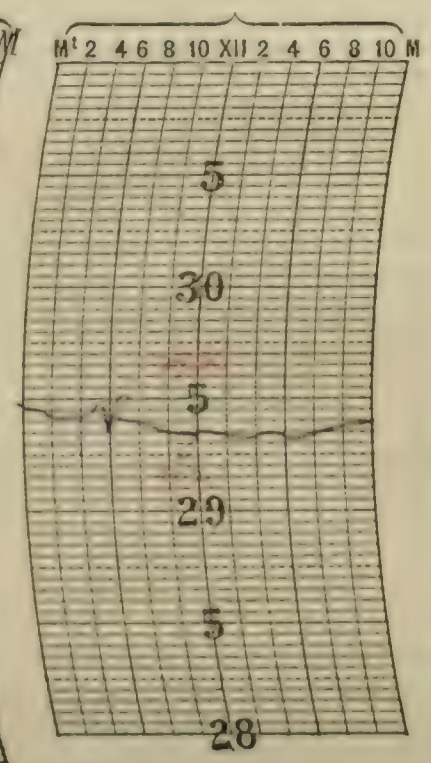
Relative humidity, 71 a. m. ____ p. m.

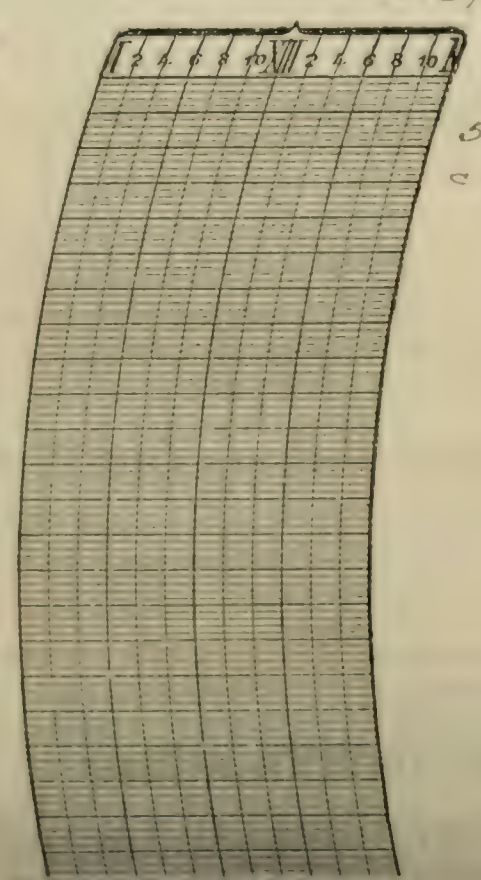
Reduced barometer, 30.00 a. m. ____ p. m.

River gage, 20.7

× Esp. obs







NOTES.

Thunderstorm: First thunder heard at 5:40 am; last heard at 6:05 am. Storm came from the southwest.

Prepared by S. P. S.

Verified by S. P. S.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) MAY 2 - 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	53	52	52	53	54	57 -1	61	63	60	60 RE 10:25	62
		R	BD	Da								
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation						.03	.09	.10	.24	.13	.03	
Cloudiness and other conditions				Cloudy								
Sunrise: Time, Character,	4:52 Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0.6
Wind direction	E	E	E	E	E	E	E	SE	SE	W	NE	E
Wind movement	5	4	5	6	6	4	11	20	10	9	7	4
Maximum velocities (exceeding 25 miles) direction and time								7:47 SE 26				

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	70	72	73	73 -1	73	70	69	66	65	64	64
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Partly	Cloudy		Clear					Moon visible	
Sunset: Time, Character,									6:53 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.3 0.7	.88 0					
Wind direction	E	SE	SE	SE	SE	SE	E	E	E	E	E	E
Wind movement	6	12	14	12	10	6	5	8	7	8	11	10

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
73	52	6[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .10 ins.; to 7 p. m., .52 ins.

Total precipitation, midnight to midnight, .62 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 7.5

Possible sunshine, hours, 14.0

Percentage of possible sunshine, 54

Prevailing direction East

Total movement, 200

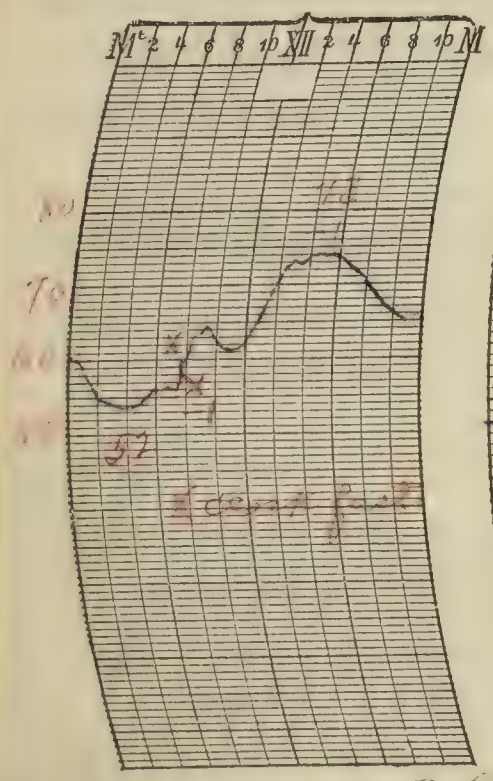
Average hourly velocity, 8.3

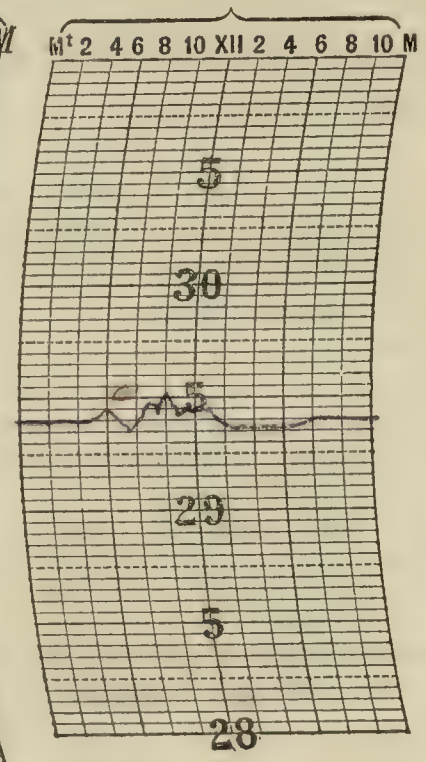
Maximum velocity,	Direction,	Time.
26	SE	7:47 am.
Extreme vel., 28-SE-		7:46 am

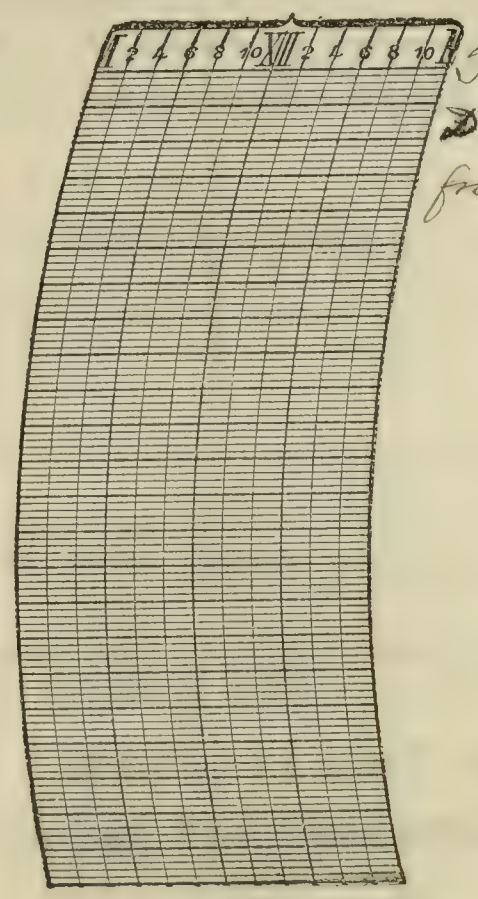
Relative humidity, 95 a. m. p. m.

Reduced barometer, 29.95 a. m. p. m.

River gage, 20.8, rising







NOTES.

Thunderstorm: First thunder heard Da; last heard at 10:08 am. Storm came from southwest

Prepared by S. P. V.

Verified by S. P. V.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) MAY 3 - 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	61	60	59	59	58	60 (-1)	62	64	65	71	75
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Moon visible						Cloudy			*	Pt Cloudy	
Sunrise: Time, 4:51 Character, Clear												
Sunshine (in tenths of hours)					.15 0	1.0 0	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	E	E	E	E	E	E	E	NE	E	E	E	E
Wind movement	7	7	7	6	8	7	8	9	12	11	12	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	78	81	81	81 (-1)	81	79	77	73	71	69	67	65
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							*	Cloudy			Moon visible	
Sunset: Time, 6:54 Character, Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.4	1.0	0.3	.90 0					
Wind direction	E	SE	SE	SE	S	SE	SE	SE	E	E	E	
Wind movement	10	9	10	9	8	6	6	4	6	6	7	6

Maximum velocity (exceeding 25 miles), direction and time

Excessive precipitation, accumulated amounts	Total duration: From—	Total duration: To—	Total amount of precipitation	Excessive rate: Began—	Excessive rate: Ended—	Amount before excessive began	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
82	58	71	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 5

Actual sunshine, hours, 12.8

Possible sunshine, hours, 14.0

Percentage of possible sunshine, 91

Prevailing direction East

Total movement, 194

Average hourly velocity, 8.1

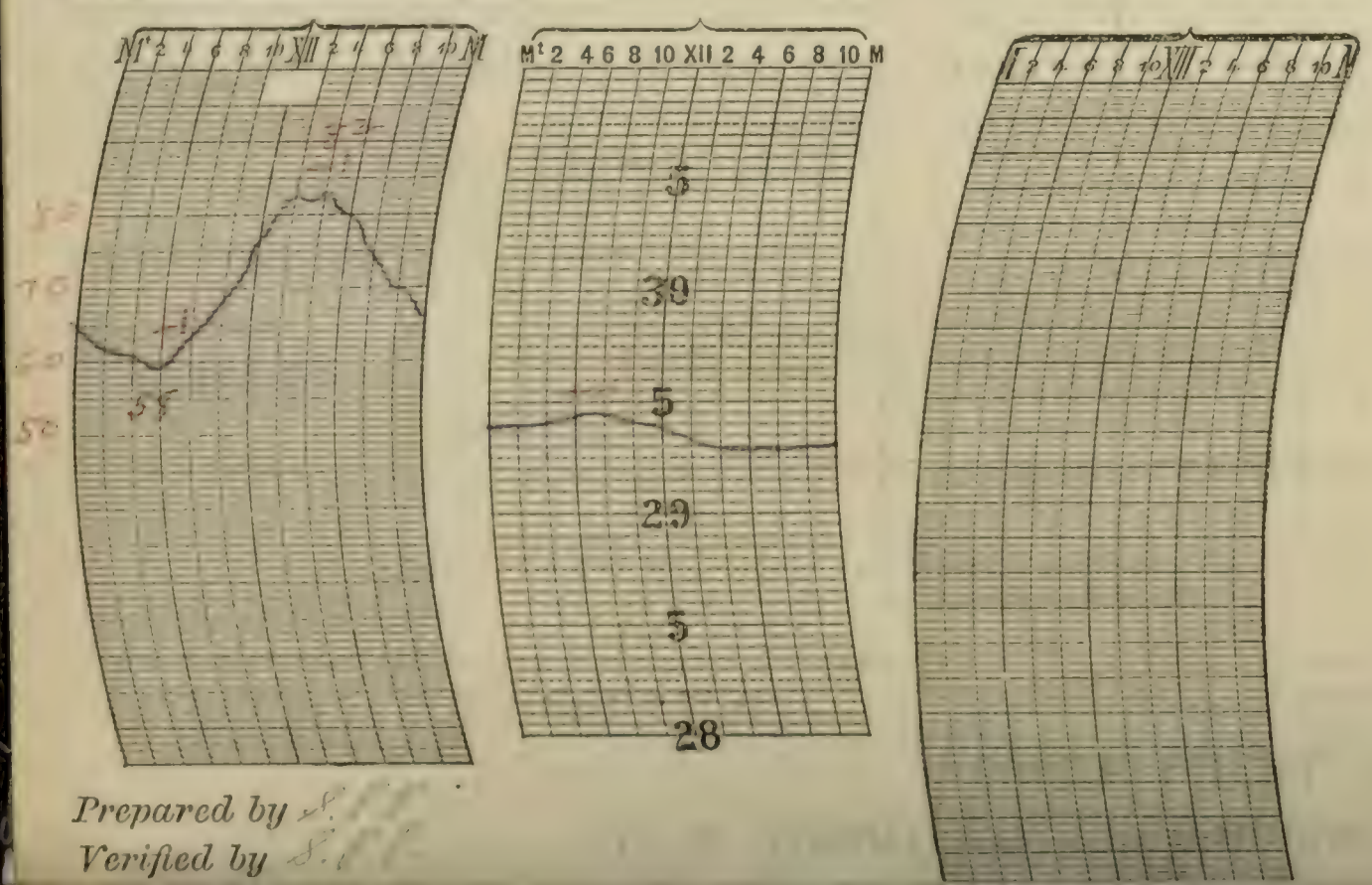
Maximum velocity,	Direction,	Time.
15	E	5:15 a. m.
extreme vel. 15	E	5:15 a. m.

Relative humidity, 86 a. m. p. m.

Reduced barometer, 30.03 a. m. p. m.

River gage,

NOTES.



Prepared by

Verified by

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) MAY 4 - 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	66	65	63	63	63	66	65	70	70	72	74
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		Haze visibe			Pt Cldy						Cldy	
Sunshine (in tenths of hours)					0	0.1	0.4	0.3	0.8	1.0	1.0	1.0
Wind direction	SE	SE	SE	E	E	SE	SE	SE	SE	E	SE	SE
Wind movement	11	9	8	5	6	9	5	3	4	11	8	7

Sunrise: Time, 4:50; Character, Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	78	79	79	77	76	74	73	74	73	71	69
State of weather: Nature of precipitation and time of beginning and ending									RBD			up
Amounts of precipitation												T
Cloudiness and other conditions	Pt Cldy		Cldy	Pt Cldy	Cldy	Pt Cldy						
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.2 0.4	0.9 0					
Wind direction	E	SE	SE	SE	E	E	E	E	SE	SE	SE	SW
Wind movement	10	11	10	11	9	8	7	5	7	8	7	16

Sunset: Time, 6:55; Character, Clear

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
79	62	70	57

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cldy Moon phase,

Average daily cloudiness (0-10) 6

Actual sunshine, hours, 12.2

Possible sunshine, hours, 14.1

Percentage of possible sunshine, 87

Prevailing direction Southeast

Total movement, 195

Average hourly velocity, 8.1

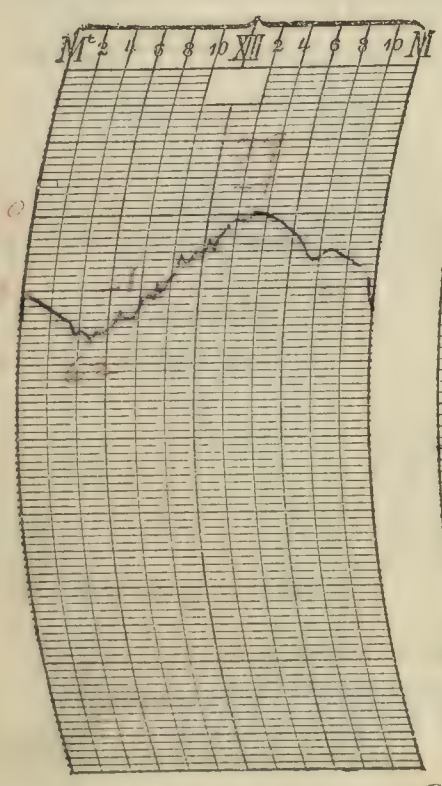
Maximum velocity, 23 Direction, SW Time. 11:58 pm

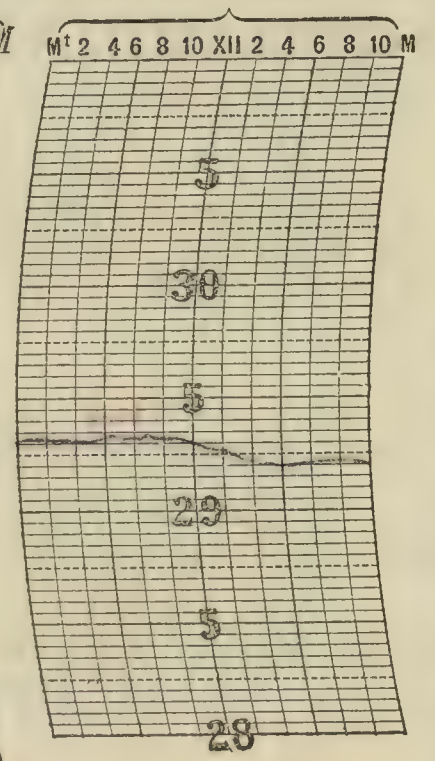
Extreme vel. ~~25 - SW~~ 11:59 pm

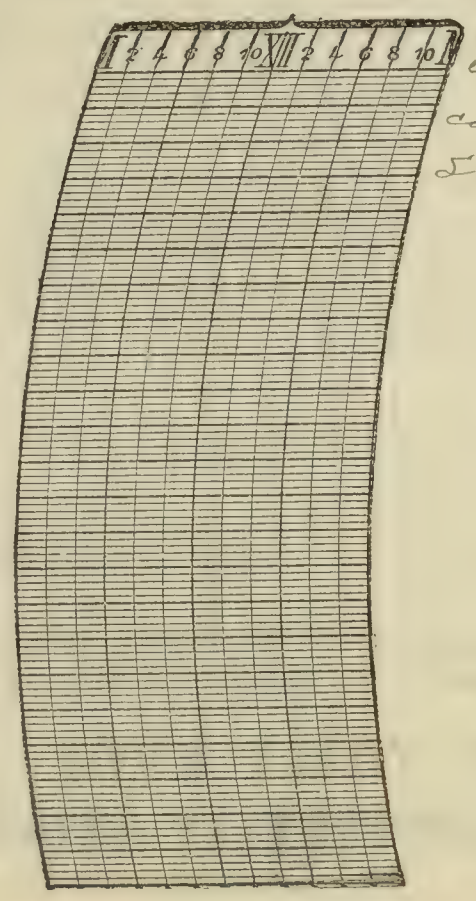
Relative humidity, 72 a. m. p. m.

Reduced barometer, 29.90 a. m. p. m.

River gage, 21.8, rising







NOTES.

Thunderstorm: First thunder heard DHP; continued into 5th. Storm came from SW.

Prepared by S. P. P.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL, (Day of week) Sunday, (Date) MAY 5 - 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	67	66	65	64	64	64	67	69	71	73	77
State of weather: Nature of precipitation and time of beginning and ending	Rain											
Amounts of precipitation	.02	.01										
Cloudiness and other conditions					Cloudy				Clear			
Sunshine (in tenths of hours)					0	0.5	0.5	0.9	0.5	1.0	1.0	1.0
Wind direction	SW	SE	SE	S	S	SW	SW	SW	W	W	SW	SW
Wind movement	18	3	4	5	5	2	3	6	8	7	9	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	77	79	79	79	77	76	72	68	66	62	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	.43 .50					
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	12	13	13	12	10	7	4	3	3	2	1	1

Sunrise: Time, 4:48; Character, Cloudy

Sunset: Time, 6:16; Character, Clear

Maximum velocity (exceeding 25 miles), direction and time: 32 SW 12:13 a.m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	79	60	[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .03 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .03 inches.

Character of day, Clear. Moon phase.

Average daily cloudiness (0-10) 3

Actual sunshine, hours, 12.3

Possible sunshine, hours, 14.1

Percentage of possible sunshine, 87

Prevailing direction West

Total movement, 162

Average hourly velocity, 6.8

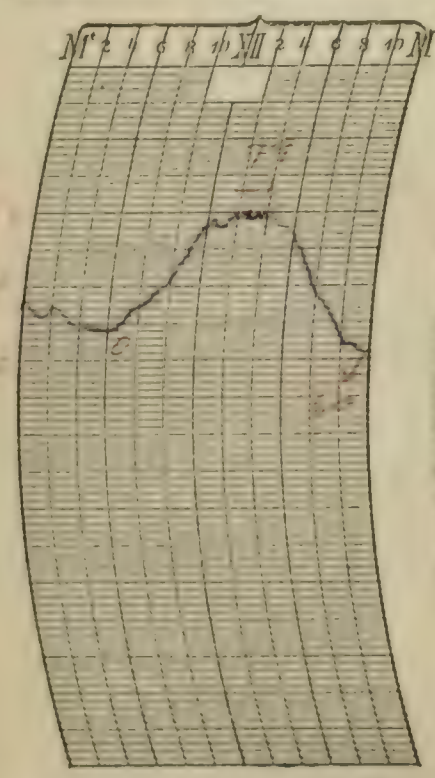
Maximum velocity, 32; Direction, SW; Time, 12:13 a.m.

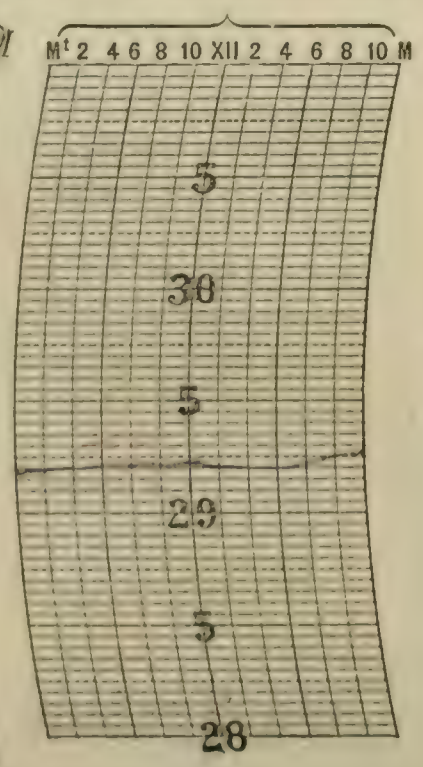
Extreme Vel., 30-SW - 12:14 a.m.

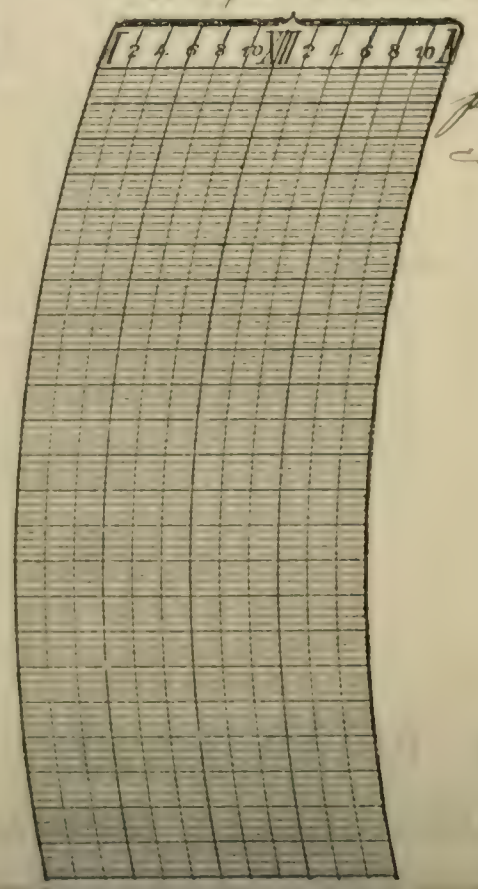
Relative humidity, 91 a. m. p. m.

Reduced barometer, 27.50 a. m. p. m.

River gage, 21.8 Ice stand.







NOTES.

Thunderstorm: First thunder heard preceding day; last heard 1 a.m. Storm came from S.W.

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Monday, (Date) MAY 6 - 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	60	59	59	58	58	59	69	73	77	81	81
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		Moon visible			Pt Cldy		× clear		× Pt Cldy			
Sunshine (in tenths of hours)					0	0	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	W	W	S	S	NW	NE	NE	E	SW	SW	SW	SW
Wind movement	2	2	3	5	3	3	5	3	7	10	11	11

Sunrise: Time, 4:47; Character, Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	81	82	77	78	66	64	65	65	64	63	61	62
State of weather: Nature of precipitation and time of beginning and ending			RB 2:29 RE 2:54	RB 3:50			RE 6:15				RB 10:02	RE 11:10
Amounts of precipitation			.03	T	.04	.08	.02				.23	T
Cloudiness and other conditions					× Cloudy		× Pt Cldy		× Cldy			
Sunshine (in tenths of hours)	1.0	1.0	0.1	0.1	0	0	0					
Wind direction	SW	SW	S	SW	NW	S	SE	SE	SE	SE	E	E
Wind movement	9	11	12	17	15	10	10	4	6	5	7	7

Sunset: Time, 6:57; Character, Clear

Maximum velocities (exceeding 25 miles) direction and time: 3:56 pm SW 25

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
82	57	70	57

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .17 ins.

Total precipitation, midnight to midnight, .40 inches.

Character of day, Pt Cl Day Moon phase,

Average daily cloudiness (0-10) 6

Actual sunshine, hours, 10.3

Possible sunshine, hours, 14.2

Percentage of possible sunshine, 73

Prevailing direction Southwest

Total movement, 178

Average hourly velocity, 7.4

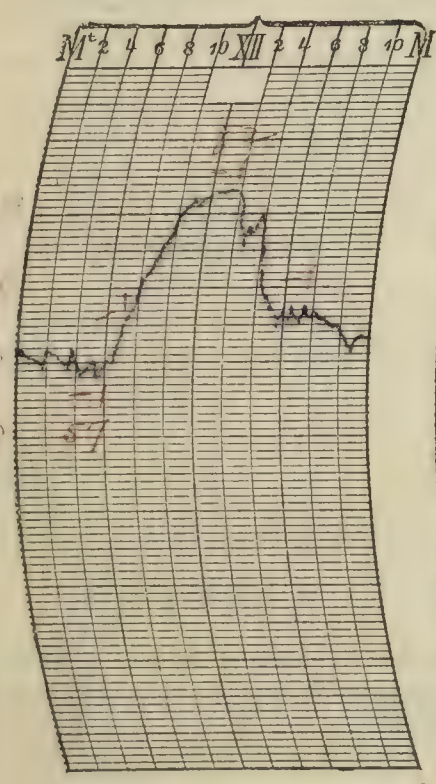
Maximum velocity,	Direction,	Time.
25	SW	3:56 pm
Extreme vel., 27	SW	3:55 pm

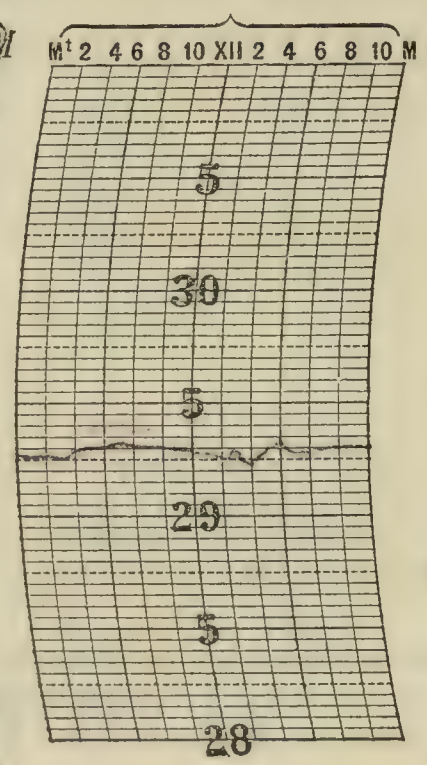
Relative humidity, 67 a. m. ____ p. m.

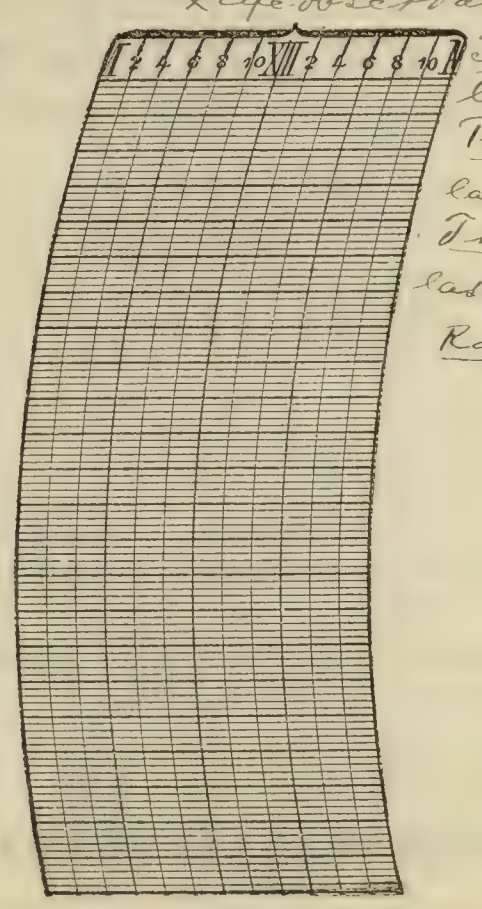
Reduced barometer, 29.89 a. m. ____ p. m.

River gage, 21.7, falling

× Eye observation.







NOTES.

Thunderstorm: First thunder heard at 2:11 pm; last heard at 3:04 pm. Storm came from S.W.

Thunderstorm: First thunder heard at 4:05 pm; last heard at 6:20 pm. Storm came from S.W.

Thunderstorm: First thunder heard at 10:08 pm; last heard at 10:35 pm. Storm came from S.W.

Rainbow observed at 6:10 pm.

Prepared by S. P. V.

Verified by S. V.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) MAY 7 - 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	61	60	61	60	61	61 (-1)	67	71	72	74	74	76	78	79 (-2)	78	74	74	71	66	64	60	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Cloudy		Clear									Partly Cloudy		Clear					
Sunshine (in tenths of hours)	Sunrise: Time, 4:46; Character, Cloudy				0	0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.7	.97 0		Sunset: Time, 6:58; Character, Clear			
Wind direction	E	E	S	SW	SW	SE	SW	S	W	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	4	6	5	7	4	3	3	2	4	4	8	8	9	9	9	10	11	8	7	8	5	4	5	8
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
79	57	68	55

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .23 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear. Moon phase.

Average daily cloudiness (0-10) 3

Actual sunshine, hours, 11.8

Possible sunshine, hours, 14.2

Percentage of possible sunshine, 83

Prevailing direction West

Total movement, 151

Average hourly velocity, 6.3

Maximum velocity, 16 Direction, W Time, 4:47 pm

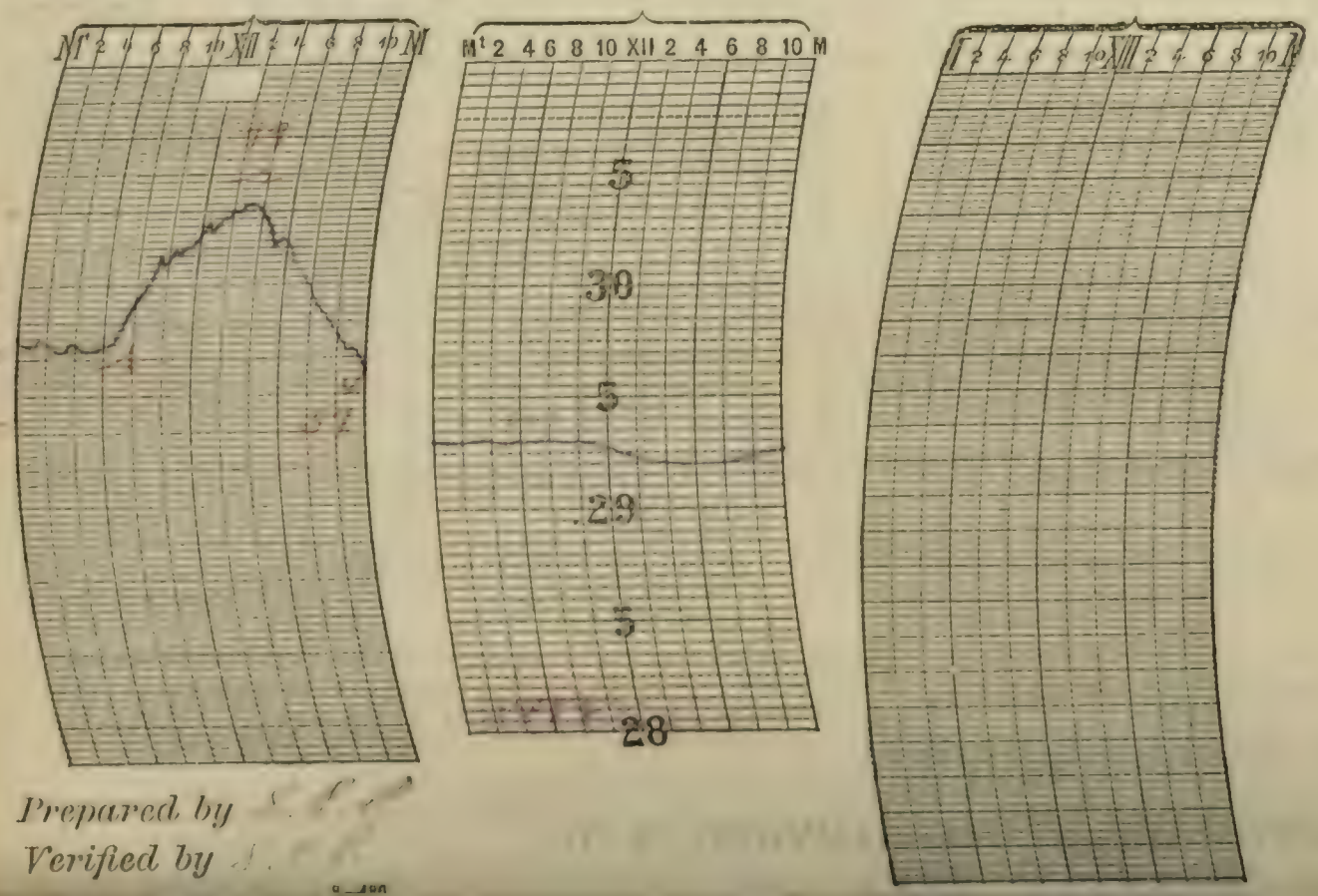
Extreme vel., 18 — W 4:46 pm

Relative humidity, 58 a. m. p. m.

Reduced barometer, 29.87 a. m. p. m.

River gage, 21.4, fo. 68 [illegible]

NOTES.



Prepared by [illegible]

Verified by [illegible]

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) MAY 8 - 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	53	52	53	52	54	58	62			72	73
Temperature corrections					-1		-1			-2		-1
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Moon visible						Clear					
Sunrise: Time, Character	4:45 Clear											
Sunshine (in tenths of hours)					.25 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	NW	NW	NW	NW	NW	NW	SW	SW	SW	SW	SW	W
Wind movement	4	3	3	2	2	4	7	9	13	16	18	19
Maximum velocities (exceeding 25 miles) direction and time												11:33 W 25

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	73	71	70	70	69	64	60	57	57	57	57
Temperature corrections	R13 12:40 R2 12:47											
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	T											
Cloudiness and other conditions	Partly		Clear									
Sunset: Time, Character									6:59 Clear			
Sunshine (in tenths of hours)	0.3	0.9	1.0	1.0	1.0	1.0	.45 .50					
Wind direction	W	NW	W	NW	W	NW	NW	W	W	W	W	N
Wind movement	16	17	23	20	19	15	9	6	4	5	7	7
Maximum velocities (exceeding 25 miles) direction and time			2:08 W 28	3:02 NW 27								

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
75	52	64	58

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 1

Actual sunshine, hours, 13.4

Possible sunshine, hours, 14.2

Percentage of possible sunshine, 94

Prevailing direction Northwest

Total movement, 248

Average hourly velocity, 10.3

Maximum velocity,	Direction,	Time.
28	W	2:08 pm
Extreme vel. 30	W	2:00 pm

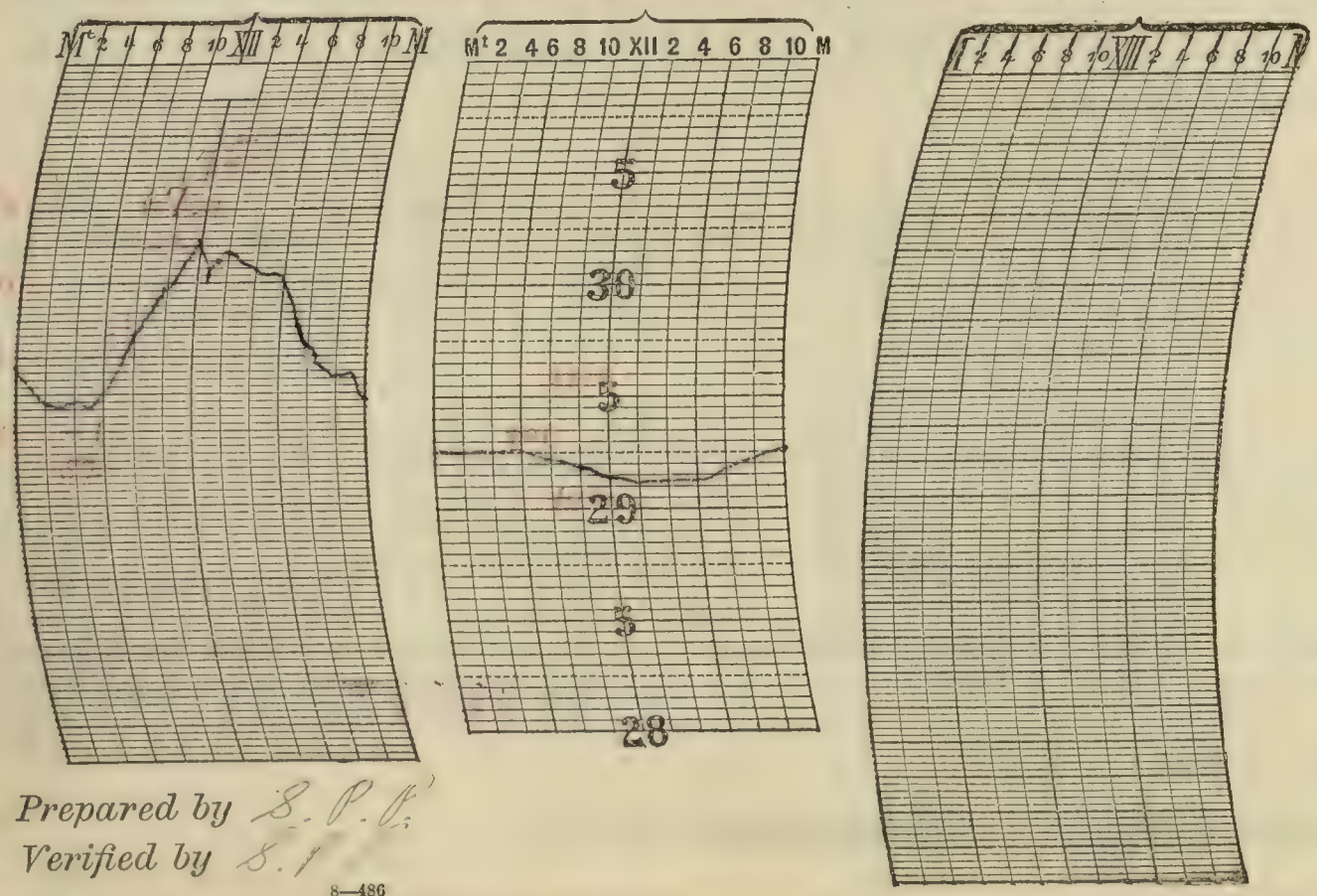
Relative humidity, 71 a. m. p. m.

Reduced barometer, 29.81 a. m. p. m.

River gage, 21.1, falling

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

NOTES.



Prepared by S. P. O.

Verified by S. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) MAY 9 - 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	49	48	47	46	48	53	56	60	62	65	67
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear							Clear				
Sunshine (in tenths of hours)					.7 0	1.0 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	N	N	N	NW	NW	NW	NW
Wind movement	5	2	4	1	2	2	1	2	4	6	8	7

Sunrise: Time, 4:44 Character, Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	69	70	71	71	70	67	65				
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	.70 .30					
Wind direction	NW	NW	NW	NW	W	S	S	S	S	SE	SE	E
Wind movement	7	6	5	5	3	3	2	2	2	3	3	5

Sunset: Time, 7:00 Character, Clear

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
72	46		

Total depth of snow for 24 hours ending 7 p. m., ____ inches.

Snow on ground 7 p. m., ____ inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, Clear Moon phase, C 5

Average daily cloudiness (0-10) 0

Actual sunshine, hours, 14.3

Possible sunshine, hours, 14.3

Percentage of possible sunshine, 100

Prevailing direction NW

Total movement, 70

Average hourly velocity, 3.8

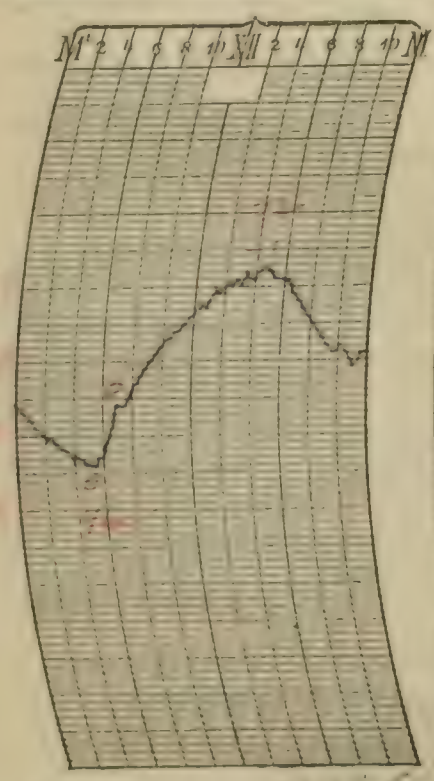
Maximum velocity,	Direction,	Time.
10	NW	11:35 a.m.
Extreme vel., 10	NW	11:35 a.m.

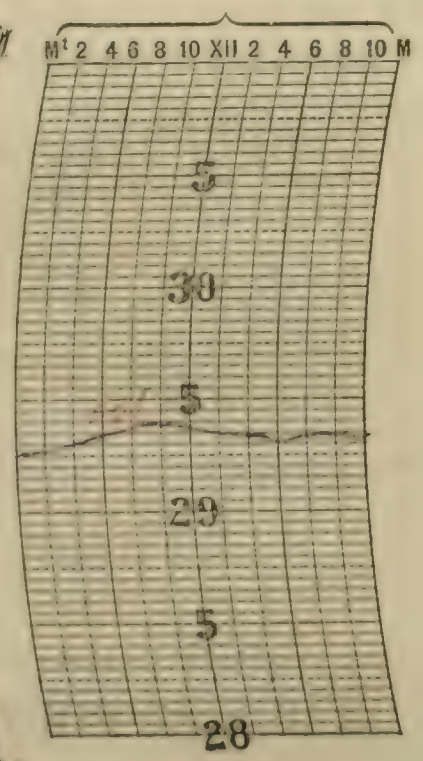
Relative humidity, 73 a. m. ____ p. m.

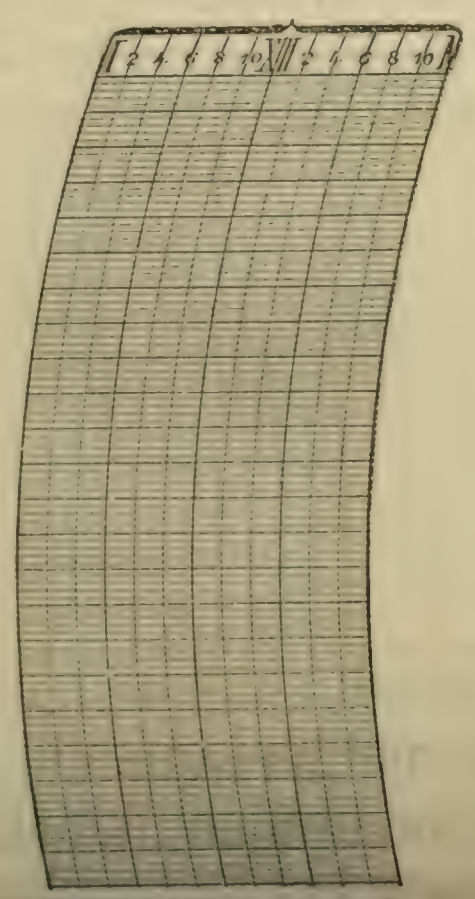
Reduced barometer, 29.94 a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by J. C.

Verified by

R—496

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LAFAYETTE, IL., (Day of week) Friday, (Date) MAY 10 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	56	54	53	53	56	58	63	67	68	71	72	73	76	76	76	75	74	71	70	69	67	66	65
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Moon visible				Clear				*Cldy		*PtCldy		*Cloudy				*PtCldy			*Clear				
Sunrise: Time, Character,	4:43 Clear																				Sunset: Time, 7:01 Cloudy			
Sunshine (in tenths of hours)					.28 0	1.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0	0				
Wind direction	E	SE	E	E	SE	SE	S	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	S	E
Wind movement	3	3	3	3	5	6	9	8	11	13	12	12	13	12	11	12	12	8	9	10	9	11	8	8
Maximum velocities (exceeding 25 miles) direction and time																								

Maximum.	Minimum.	Mean.	Normal.
77	53	65	59

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, PtCldy Moon phase,

Average daily cloudiness (0-10) 6

Actual sunshine, hours, 12.3

Possible sunshine, hours, 14.3

Percentage of possible sunshine, 90

Prevailing direction Southeast

Total movement, 211

Average hourly velocity, 8.8

Maximum velocity,	Direction,	Time.
16	SE	10:23 a.m.
Extreme Vel.	17-SE-	10:24 a.m.

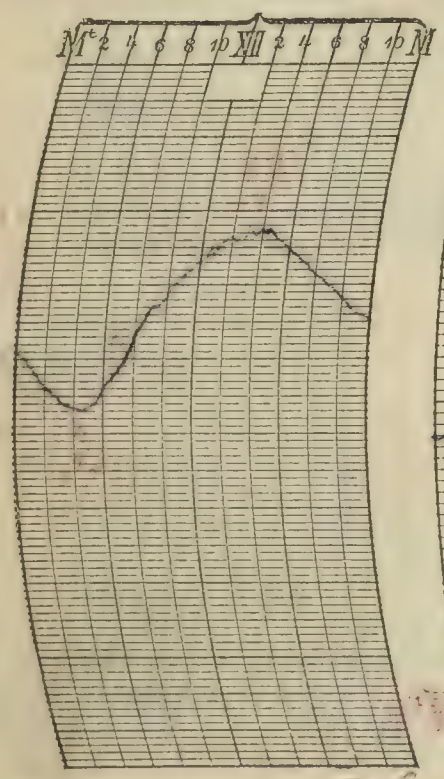
Relative humidity, 63 a. m. p. m.

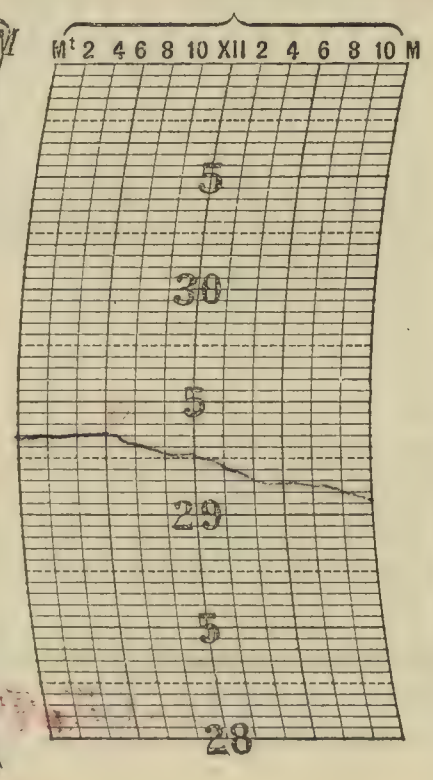
Reduced barometer, a. m. p. m.

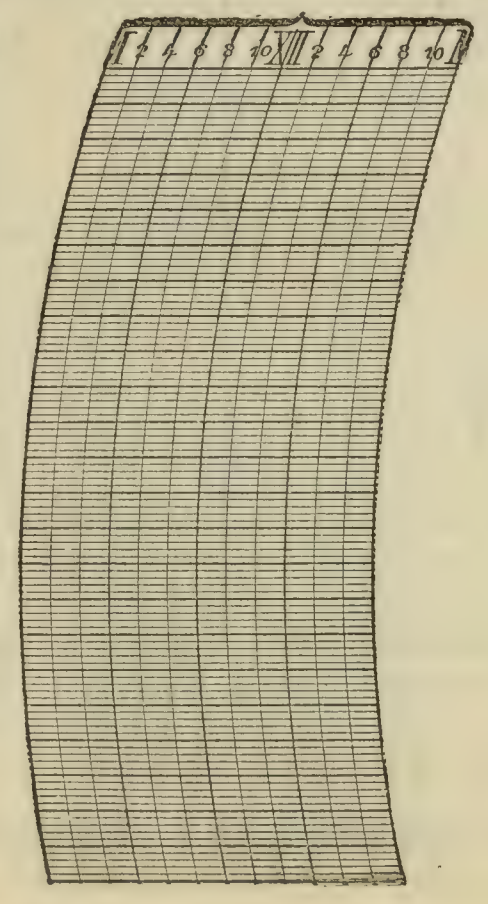
River gage, 20.2 fr. [illegible]

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

* Eye observation







NOTES.

Prepared by S. O. F.

Verified by S. F.

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) MAY 11 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	62	61	60	60	60	61	61	65	69	67	68
	RB		Ha						RE 8:25			
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation		.03	.11	.08	.13	.05	T					
Cloudiness and other conditions					Cloudy					Hazy	Cloudy	
Sunrise: Time, 11:17; Character, Cloudy												
Sunshine (in tenths of hours)					0	0	0	0	0.1	1.0	1.0	0.6
Wind direction	E	E	S	NE	E	E	E	E	SE	SW	S	S
Wind movement	9	11	6	5	8	13	11	13	9	11	10	[illegible]
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	74	58	51	51	50	48	48	47	[illegible]	47	[illegible]
			RB 2:58	RE 3:42	RB 4:01 RE 4:22 RB 4:52							
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation			T	.27	.01	.01	.17	.13	.06	.01		
Cloudiness and other conditions		Hazy	Cloudy									
Sunset: Time, 7:[illegible]; Character, Cloudy												
Sunshine (in tenths of hours)	1.0	1.0	0.6	0	0	0	0	0				
Wind direction	S	S	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	7	3	9	18	21	20	18	16	19	21	21	22
Maximum velocities (exceeding 25 miles) direction and time			2:55 V 27		4:47 NE 25		6:08 NE 26			7:30 NE 28		11:07 NE 26

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
74	46	[illegible]	57

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .40 ins.; to 7 p. m., .50 ins.

Total precipitation, midnight to midnight, 1.10 inches.

Character of day, Cloudy. Moon's phase, ...

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 5.5

Possible sunshine, hours, [illegible]

Percentage of possible sunshine, 37

Prevailing direction, Northeast

Total movement, 309

Average hourly velocity, 12.9

Maximum velocity,	Direction,	Time.
28	NE	7:30 p.m.
Extreme vel. 30-NE		9:01 p.m.

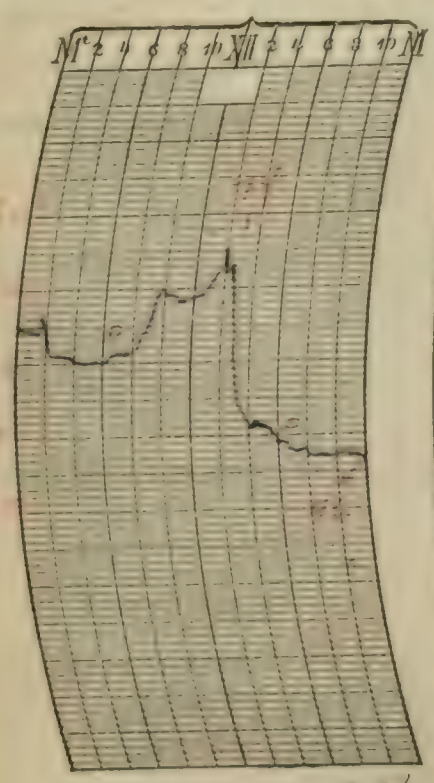
Relative humidity, 74 a. m. ..... p. m.

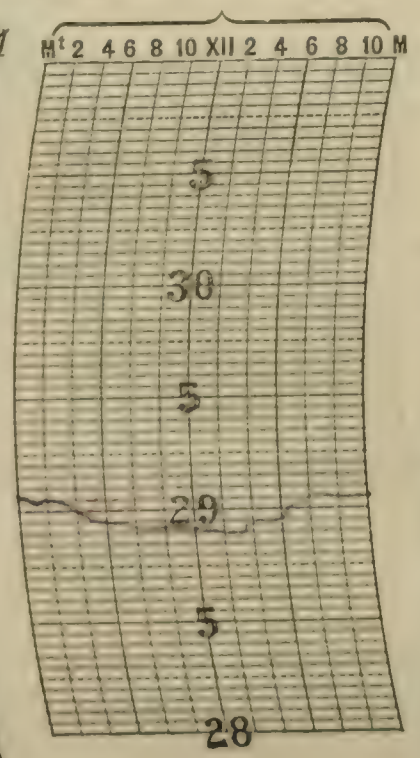
Reduced barometer, 29.81 a. m. ..... p. m.

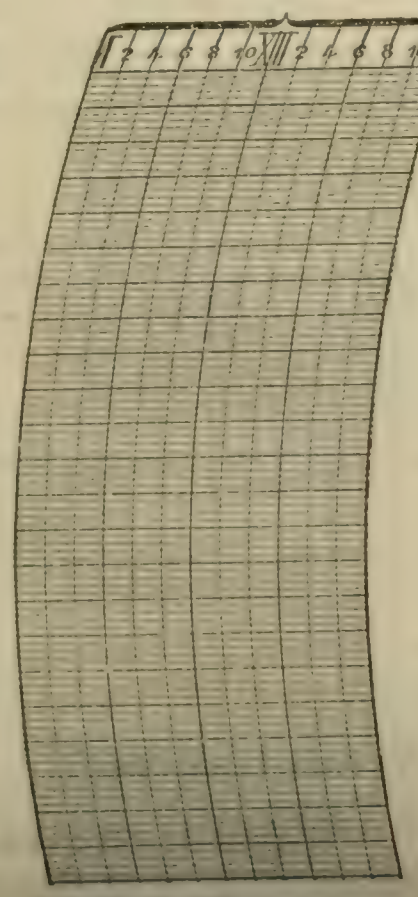
River gage, 19.7 falling

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.







NOTES.

Thunderstorm: First thunder heard 2:40 p.m.; last heard 3:40 p.m.; storm came from south.

Thunderstorm: First thunder heard 2:30 p.m.; last heard 3:40 p.m.; storm came from northeast.

Prepared by S. P. F.

Verified by [illegible]

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) MAY 12 1912, 191

Time (local standard), ____ mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	46	45	45	43	43	44	43	43	44	42	43
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	.05	.05	.02	.02	.07	.05	.04	.03	.02	.01	.05	.04
Cloudiness and other conditions											Cloudy	
Sunrise: Time, 4:41 Character, Cloudy												
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	NE	NE	NE	N	N	N	N	N	N	N	N	N
Wind movement	21	19	18	16	14	15	14	17	18	17	17	19
Maximum velocities (exceeding ____ miles) direction and time	12:47 NE 25											11:12 N 26

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	46	49	52	53	53	51	49	47	47		
State of weather: Nature of precipitation and time of beginning and ending			RS 2:50									
Amounts of precipitation	.03	.03	T									
Cloudiness and other conditions						Partly						
Sunset: Time, 7:06 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0.5	0.4	0	0				
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N
Wind movement	16	17	16	12	12	9	7	2	4	3	3	1

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	53	42	48	54

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .50 ins.; to 7 p. m., .21 ins.

Total precipitation, midnight to midnight, .51 inches.

Character of day, Cloudy Moon phase, ____

Average daily cloudiness (0-10) 9

Actual sunshine, hours, 0.9

Possible sunshine, hours, 14.4

Percentage of possible sunshine, 6

Prevailing direction North

Total movement, 309

Average hourly velocity, 12.9

Maximum velocity,	Direction,	Time.
26	N	11:12 a. m.
27	N	11:11 a. m.

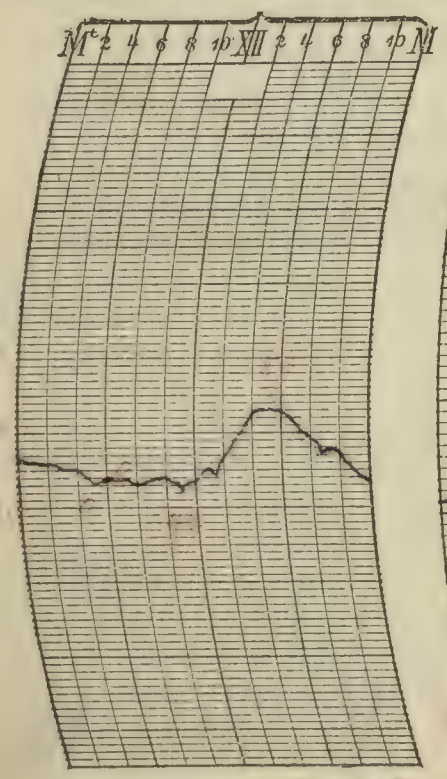
Relative humidity, 95 a. m. ____ p. m.

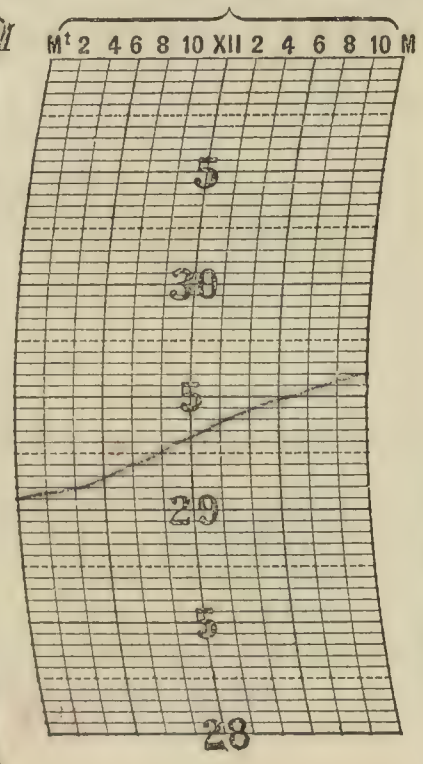
Reduced barometer, 29.73 a. m. ____ p. m.

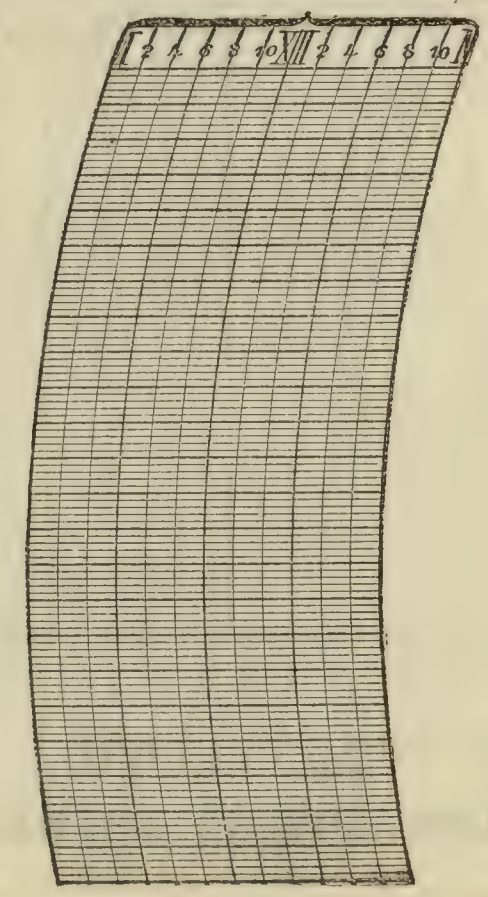
River gage, 12.7, one stand.

X Eye observation

NOTES.







Prepared by S. C. P.
Verified by S. C. P.

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) MAY 1 8 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	42	41	40	38	42	42	45	50	52	55	57
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		Noon						Clear				
		visibe.										
Sunrise: Time, Character,	4:40 Clear											
Sunshine (in tenths of hours)					.33 0	1.0 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0
Wind direction	N	N	N	NW	NW	NW	NW	N	N	N	*SW	SW
Wind movement	2	2	1	2	3	2	2	4	3	3	5	[illegible]

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	64	62	61	58	56	57	54	52	[illegible]	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending			RB 2:40	R 3:15	RB 4:03 R 4:15 RB 4:50		R 6:14					
Amounts of precipitation			T	T		.01	T					
Cloudiness and other conditions			Cloudy				Clear					
Sunset: Time, Character,									7:05 Clear			
Sunshine (in tenths of hours)	1.0	1.0	0.3	0.4	0	0	0.7 0	.08 0				
Wind direction	SW	SW	SW	W	SW	SW	NW	NW	W	W	W	NW
Wind movement	9	11	9	10	11	9	8	7	5	6	7	5

Maximum velocities (exceeding 25 miles) direction and time:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts:

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
64	38		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .00 ins.; to 7 p. m., .03 ins.

Total precipitation, midnight to midnight, .03 inches.

Character of day, Clear. Moon phase,

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 10.8

Possible sunshine, hours, 14.4

Percentage of possible sunshine, 75

Prevailing direction Southwest & Northwest.

Total movement, 133

Average hourly velocity, 5.5

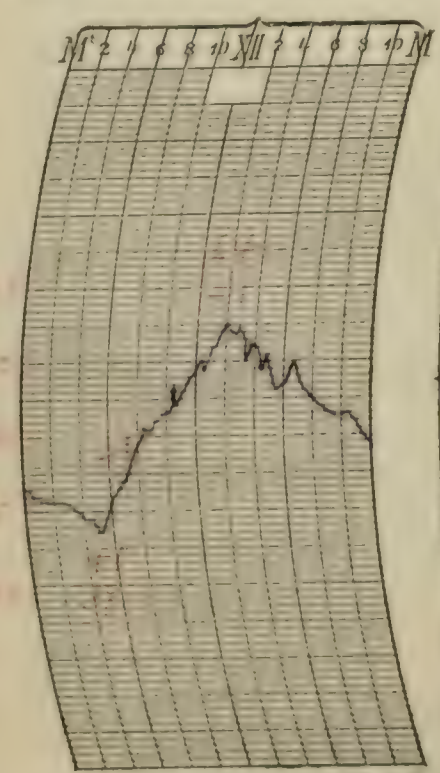
Maximum velocity,	Direction,	Time.
16	W	3:0

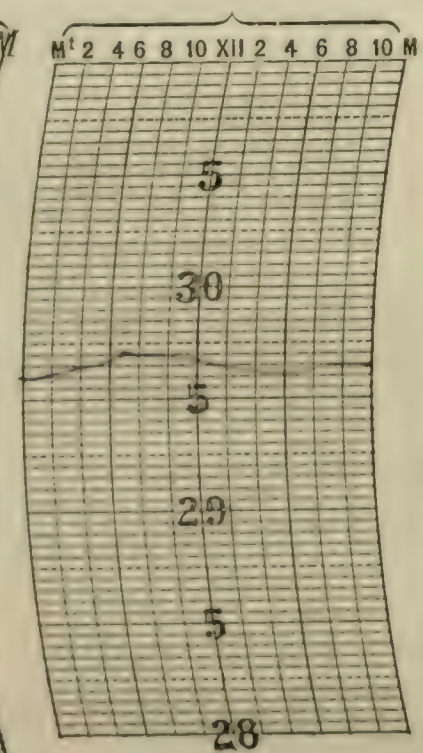
Extreme vel. 16 — W —

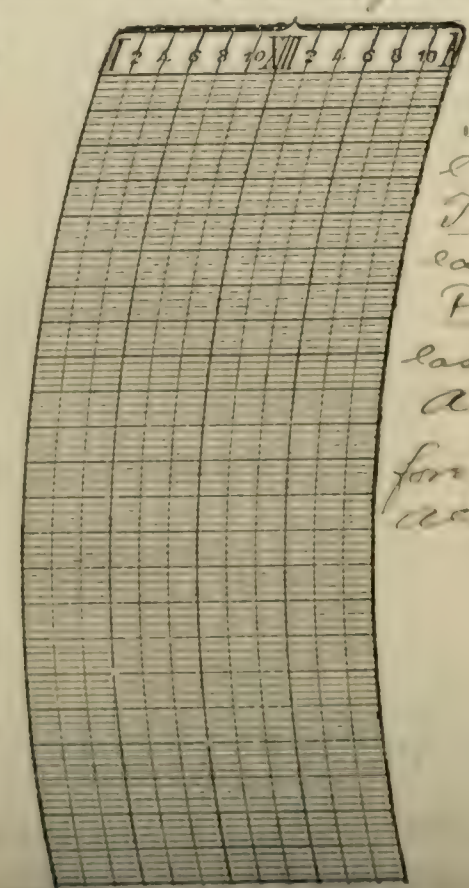
Relative humidity, 80 a. m. p. m.

Reduced barometer, 30.37 a. m. p. m.

River gage, 20.6 [illegible]







Prepared by S. V. V.
Verified by S. J. P.

NOTES.

Light frost observed this morning.
Thunderstorm: First thunder heard at 2:56 pm; last heard at 3:10 pm; storm came from the west.
Thunderstorm: First thunder heard at 4:05 pm; last heard at 4:20 pm; storm came from the west.
Thunderstorm: First thunder heard at 5:38 pm; last heard at 5:50 pm; storm came from the west.
A frost warning was contained in the forecast message received at 5:40 pm. All interests were notified.

Form No. 1014—Met. I.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) May [illegible], 191[illegible]

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	47	47	45	43	41	43	46	48	50	53	53	54
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear						Pt Cldy	
Sunrise: Time, Character,	4:29 Clear											
Sunshine (in tenths of hours)					0	0.2	1.0	1.0	1.0	1.0	0.9	0.9
Wind direction	NW	NW	NW	NW	NW	W	NW	NW	NW	NW	W	W
Wind movement	4	4	5	6	4	5	8	8	7	10	10	10
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	58	58	57	58	58	58	56	54	54	[illegible]	[illegible]	[illegible]
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.9	0.4	0.2	0.7 0	.10 0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	S	S	SW	SW
Wind movement	11	11	12	13	11	10	8	7	7	10	11	13
Sunset: Time, Character,									7:16 Clear			

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
57	[illegible]	[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, [illegible] Moon phase,

Average daily cloudiness (0–10)

Actual sunshine, hours, 12.4

Possible sunshine, hours, 14.4

Percentage of possible sunshine, 86

Prevailing direction Southwest

Total movement, 205

Average hourly velocity, 8.5

Maximum velocity,	Direction,	Time.
19	SW	11:47 [illegible]
Extreme vel. 19	SW	11:47 [illegible]

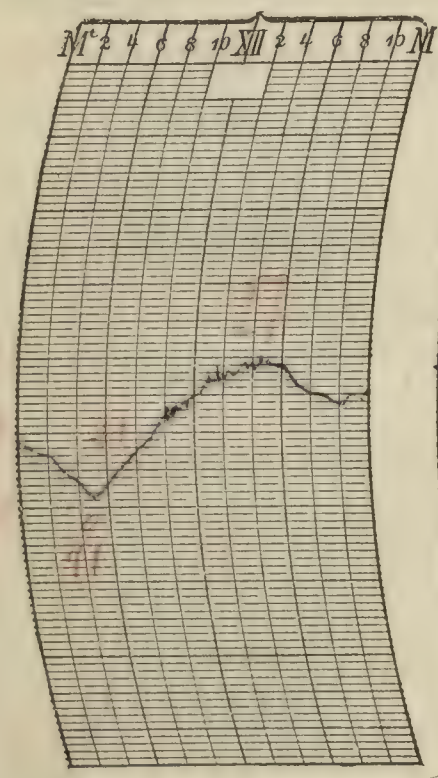
Relative humidity, 76 a. m. ____ p. m.

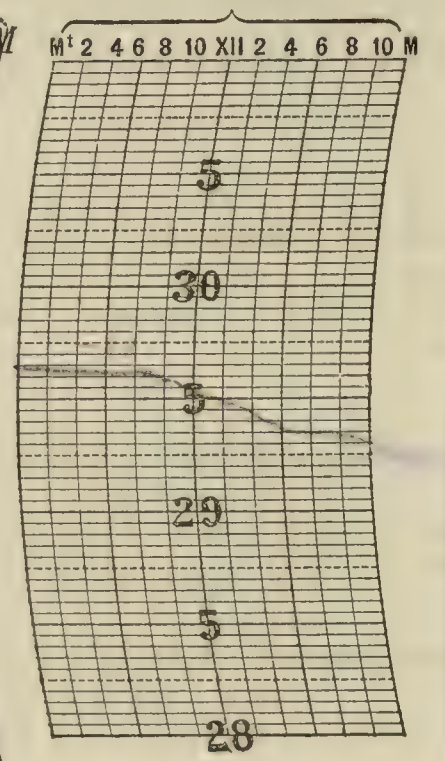
Reduced barometer, 30.18 a. m. ____ p. m.

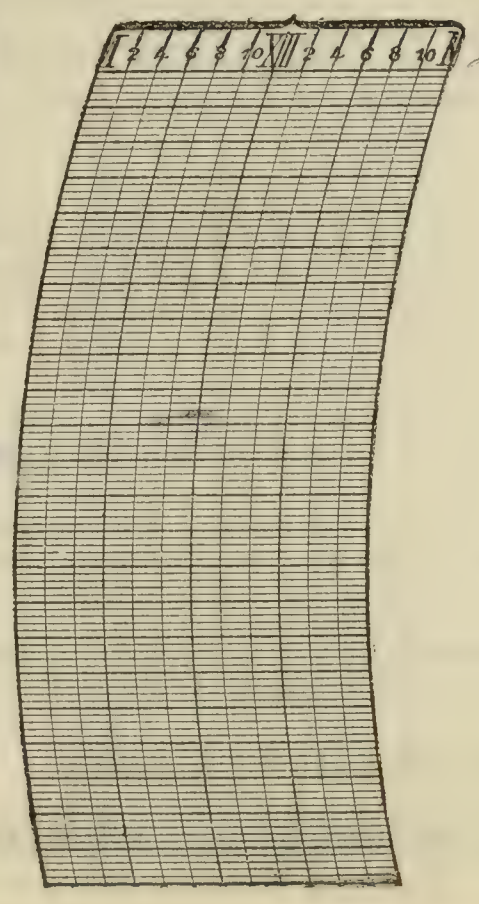
River gage, 21.3, rising

NOTES.

Light frost was observed this morning.







Prepared by S. P. P.

Verified by S. [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) MAY 15 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	52	51	51	51	51	51	53	54	57	59	57	61
State of weather: Nature of precipitation and time of beginning and ending		RB 12:44 RE 12:47										
Amounts of precipitation		.01										T
Cloudiness and other conditions					Cloudy				Cloudy			
Sunrise: Time, 4:35 Character, Cloudy												
Sunshine (in tenths of hours)					0	0	0	0.6	1.0	0.9	1.0	0.6
Wind direction	E	E	S	SW	SW	SW	SW	SW*	SW*	SW	SW	SW
Wind movement	10	11	16	17	17	15	14	15	15	13	11	9

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	62	63	63	52	51	50	49	47	47	45	47	[illegible]
State of weather: Nature of precipitation and time of beginning and ending									RB 8:15 RE 8:30			
Amounts of precipitation									T			
Cloudiness and other conditions						Cloudy						
Sunset: Time, 7:07 Character, Cloudy												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.2	0	0	0	0				
Wind direction	SW	SW	SW	SW	W	SW	SW	S	W	W	W	W
Wind movement	9	8	7	11	14	11	6	3	3	5	3	2

Maximum velocities (exceeding 25 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal
	64	45		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., 1 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Cloudy. Moon phase.

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 7.3

Possible sunshine, hours, 14.5

Percentage of possible sunshine, 50

Prevailing direction, Northwest

Total movement, 245

Average hourly velocity, 10.2

Maximum velocity, 24 Direction, W Time, 3:42 pm

Extreme Vel. 24 — W — 3:42 pm

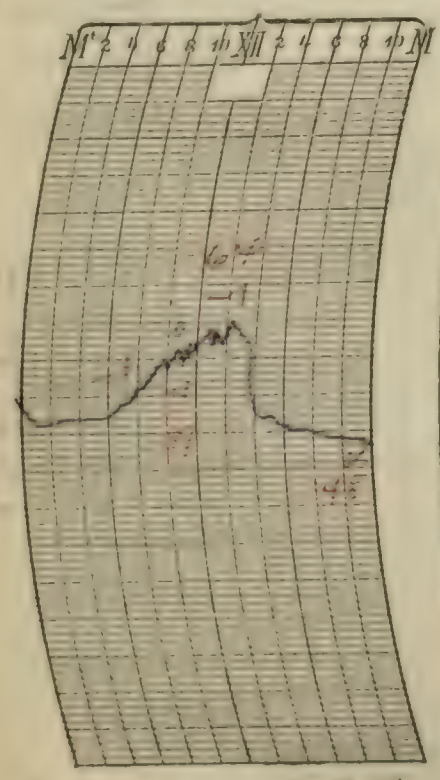
Relative humidity, 70 a. m. p. m.

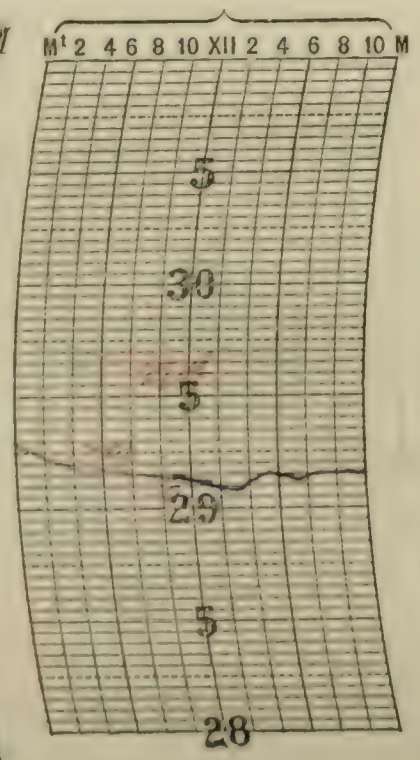
Reduced barometer, 29.72 a. m. p. m.

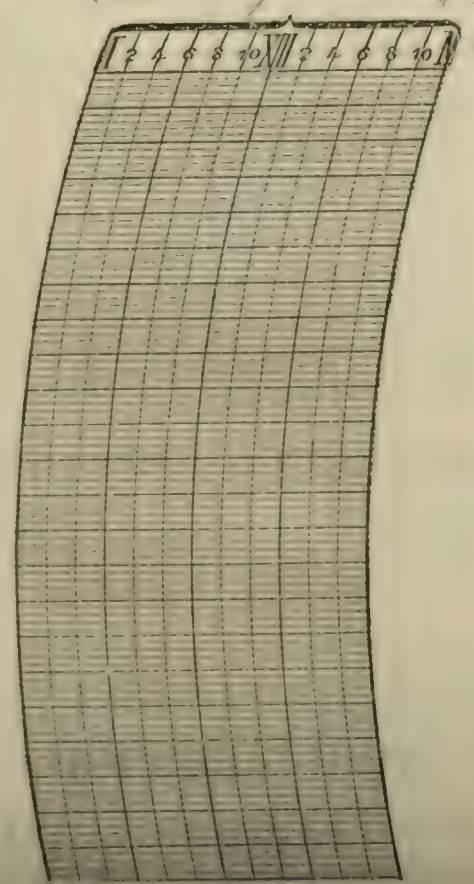
River gage, 21.5, rising.

* Interpolated.

NOTES.







Prepared by S. O. J.

Verified by

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) May 1, 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	48	48	47	47	47	47	47	49	49	51	52	51
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Cloudy					
Sunshine (in tenths of hours)					0	0	0	0	0	0.3	0.3	0
Wind direction	W	W	W	W	W	N	NE	NE	N	N	N	N
Wind movement	2	1	2	3	5	8	11	11	11	12	14	16

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	51	50	49	49	48	49	49	48	48	47	48	
State of weather: Nature of precipitation and time of beginning and ending					RB 4:21 RE 4:30							
Amounts of precipitation					T							
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0	0	0	0	0	0				
Wind direction	N	NW	NW	NW	N	N	NW	NW	NW	NW	NW	NW
Wind movement	16	17	16	15	13	9	7	8	6	7	6	5

Sunrise: Time, 4:37 Character, Cloudy

Sunset: Time, 7:07 Character, Cloudy

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
53	46	50	61

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase, ● 4:14 pm

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0.6

Possible sunshine, hours, 14.5

Percentage of possible sunshine, 4

Prevailing direction Northwest

Total movement, 223

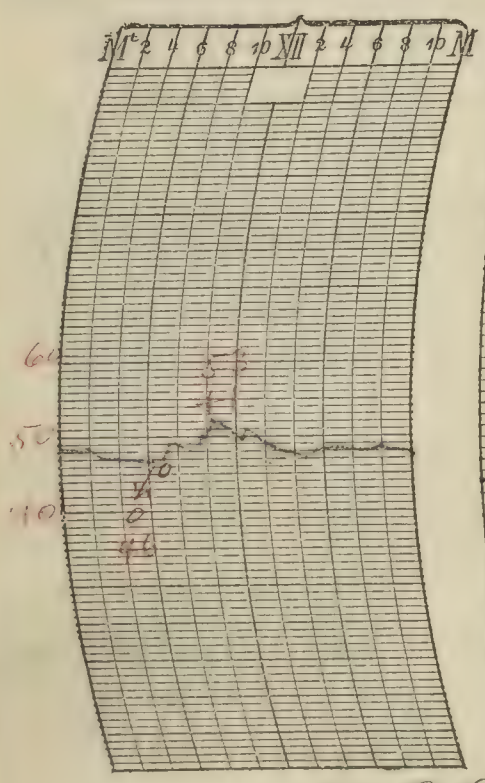
Average hourly velocity, 9.3

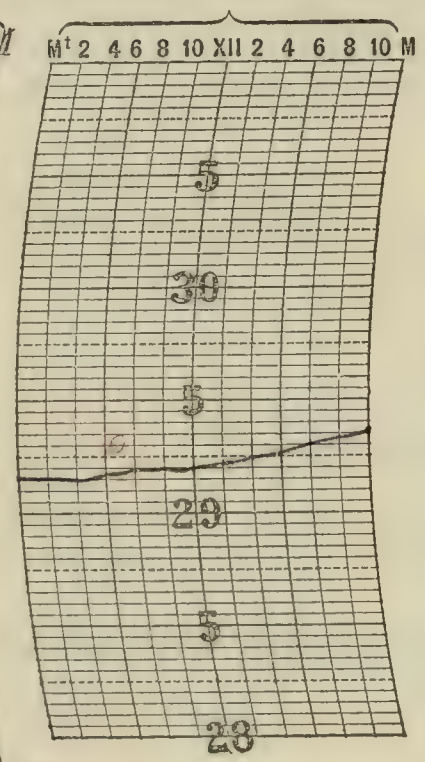
Maximum velocity,	Direction,	Time.
19	N	11:03 a.m.
20	N	11:04 a.m.

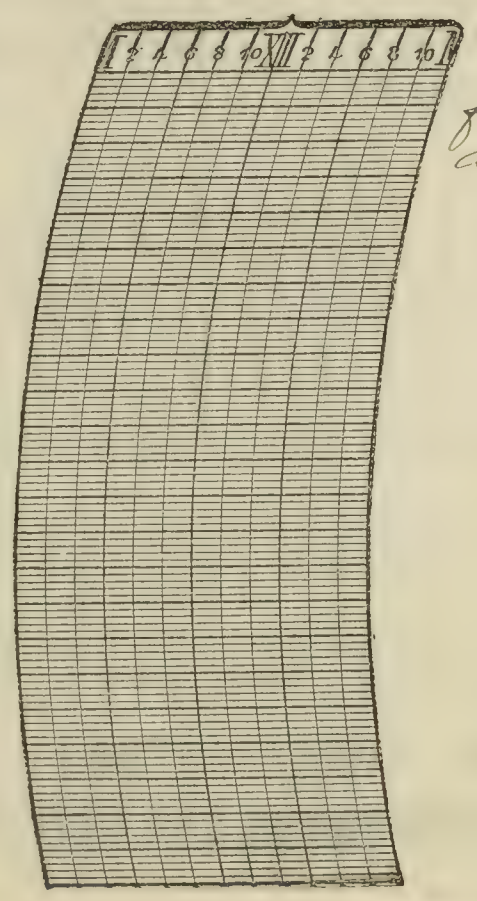
Relative humidity, 89 a. m. ____ p. m.

Reduced barometer, 29.72 a. m. ____ p. m.

River gage, 21.5 ft. rise 0.5 ft.







NOTES.

A frost warning was contained in the forecast message received at 9:00 a.m. All interests were notified.

Prepared by S. P. C.

Verified by S. P. C.

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) MAY 17 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	47	47	45	44	45	50	55	59	62	65	66	67	69	69	70	68	67	64	61	59	58	[illegible]	[illegible]
					0		0							0										
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear																
Sunshine (in tenths of hours)	Sunrise: Time, 4:36; Character, Clear				.40 0	1.0 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.4	1.0 0	.13 0	Sunset: Time, 7:08; Character, Clear			
Wind direction	W	W	W*	W*	W*	W*	W*	W	W	W	W	W	W	W	W	W	W	W	W	W	W	SW	SW	W
Wind movement	5	4	7	9	8	5	7	7	8	8	10	10	9	10	10	11	10	9	8	5	4	4	6	8
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

* Interpolated.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
70	44	57	61

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear; Moon phase,

Average daily cloudiness (0-10) 0

Actual sunshine, hours, 14.5

Possible sunshine, hours, 14.5

Percentage of possible sunshine, 100

Prevailing direction Northwest

Total movement, 182

Average hourly velocity, 7.6

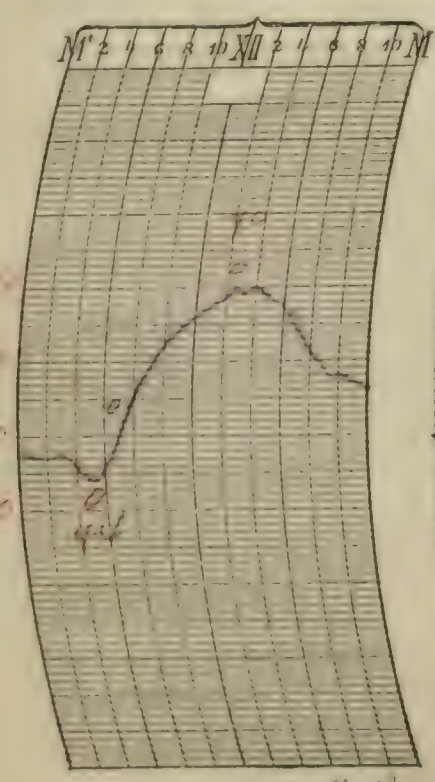
Maximum velocity,	Direction,	Time.
13	W	4:09 pm
Extreme vel. 13	W	4:09 pm

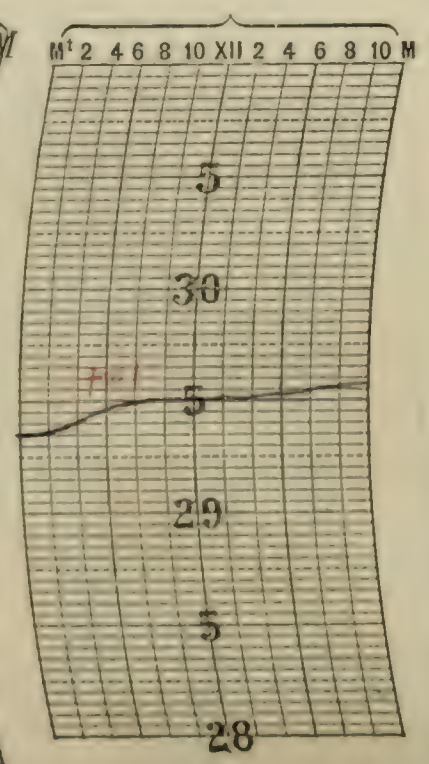
Relative humidity, 70 a. m. p. m.

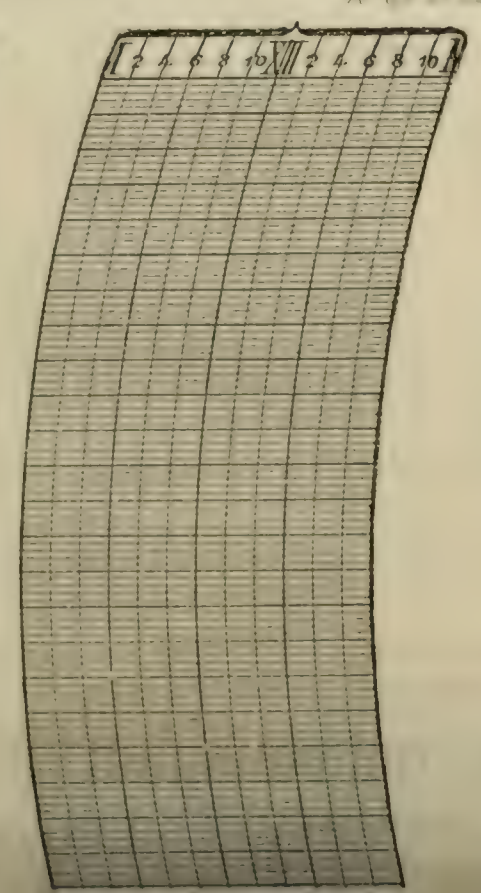
Reduced barometer, 30.07 a. m. p. m.

River gage, 21.3, falling

NOTES.







Prepared by S. P. S.

Verified by S. P. S.

Form No. 1011—Met. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) MAY 18 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	52	52	52	51	52	56	64	67	69	71	73
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					
Sunshine (in tenths of hours)					.42 0	1.0 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	9	7	7	8	8	8	6	11	14	17	19	22
Maximum velocities (exceeding 25 miles) direction and time												11:14 SW 26

Sunrise: Time, 4:35; Character, Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	78	77	79	79	77	74	69	65	62	58	52
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Partly								
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.8	0.9	0.6	0.6 0	0				
Wind direction	SW	SW	SW	W	W	W	W	W	NW	NE	NE	NE
Wind movement	23	20	19	17	14	10	7	7	8	7	7	12
Maximum velocities (exceeding 25 miles) direction and time	2:35 W 28	1:42 SW 26										

Sunset: Time, 7:09; Character, Cloudy

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
80	51	66	62

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 3

Actual sunshine, hours, 13.3

Possible sunshine, hours, 14.6

Percentage of possible sunshine, 91

Prevailing direction Southwest

Total movement, 287

Average hourly velocity, 12.0

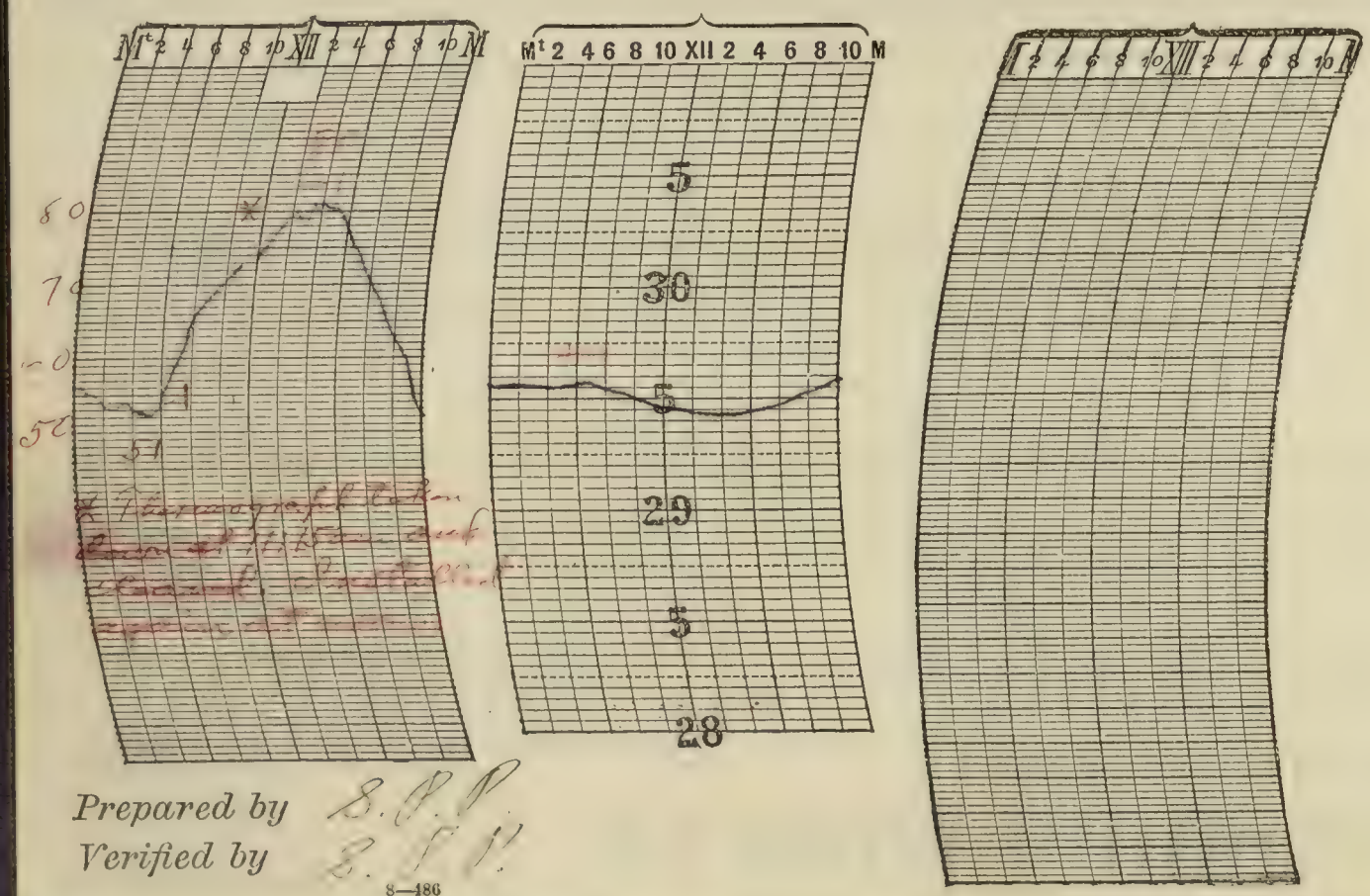
Maximum velocity,	Direction,	Time.
28	SW	12:35 pm
Extreme vel. 30	SW	12:25 pm

Relative humidity, 63 a. m. p. m.

Reduced barometer, 30.15 a. m. p. m.

River gage, 21.1, falling

NOTES.



Prepared by S. P. P.

Verified by S. F. U.

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) MAY 19 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	47	46	44	45	46	48	51	56	58	59	62	65	68	72	75	74	76	77	66	63	72	71	70
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					cloudy						*partly	*clear							*partly	*clear				
Sunshine (in tenths of hours)					0	0	0.1	0.5	0.8	0.9	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0	0				
Wind direction	NE	NE	NE	NE	NE	NE	E	E		SE	NE	E	E	E	E	E	E	E	SW	E	NE	S	SW	SW
Wind movement	10	7	9	8	8	10	9	12	12	12	14	14	13	13	10	11	10	9	7	5	7	14	17	21

Sunrise: Time, 4:34; Character, Clear

Sunset: Time, 7:16; Character, Clear

Maximum velocities (exceeding 25 miles) direction and time	
Excessive precipitation, accumulated amounts	

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum.	Minimum.	Mean.	Normal.
78	44	61	62

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, partly cloudy. Moon phase,

Average daily cloudiness (0-10) 5

Actual sunshine, hours, 11.2

Possible sunshine, hours, 14.6

Percentage of possible sunshine, 77

Prevailing direction East

Total movement, 262

Average hourly velocity, 10.9

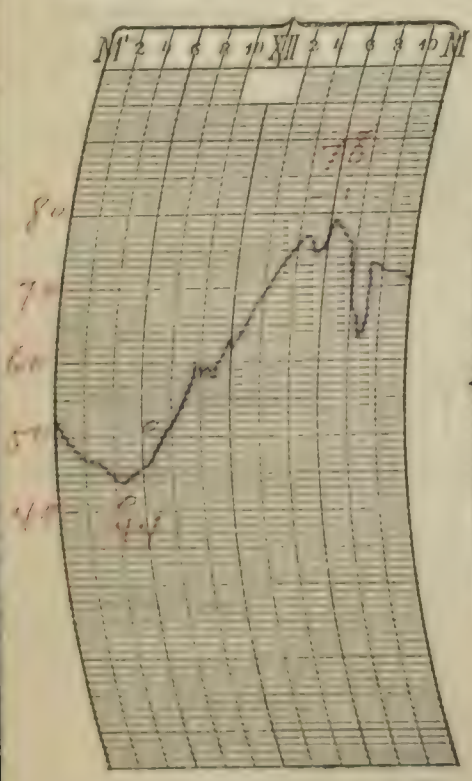
Maximum velocity,	Direction,	Time.
21	SW	11:24 a.m.
		11:28 p.m.

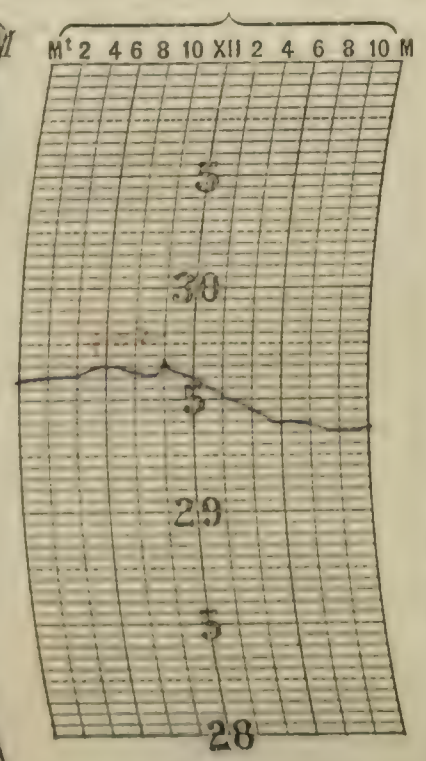
Relative humidity, 70 a. m. p. m.

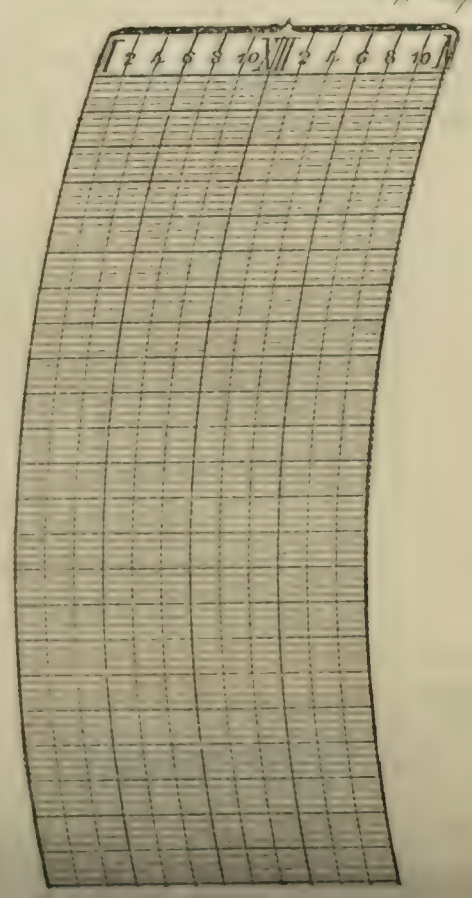
Reduced barometer, 30.23 a. m. p. m.

River gage, 20.8 falling

NOTES.







Prepared by S. P. P.

Verified by S. P. P.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Monday, (Date) MAY 20 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	71	70	70	68	66	70	70 (−1)	72	74	76	77	74	76	79	81	82 (−2)	82	80	78	76	73	61	68	70
State of weather: Nature of precipitation and time of beginning and ending													RB 12:02	RE 1:28										
Amounts of precipitation													.01	T										
Cloudiness and other conditions									Cloudy								+ Partly				+ Cloudy, Visibility 0			

Sunrise: Time, 4:33; Character, Cloudy

Sunset: Time, 7:11; Character, Cloudy

Sunshine (in tenths of hours)					0	0	0.2	0.8	0.8	1.0	1.0	0.3	0.5	0.4	0.4	0.3	0.5	0.4	0	0				
Wind direction	SW	SW	SW	SW	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	NW	SW	SW	SW	SW	S	S	NE	NE	SW
Wind movement	14	15	14	13	7	15	17	16	17	20	20	14	13	8	6	8	13	15	9	7	8	6	2	16
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
82	61	72	82

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Cloudy; Moon phase,

Average daily cloudiness (0–10) 8

Actual sunshine, hours, 6.6

Possible sunshine, hours, 14.6

Percentage of possible sunshine, 45

Prevailing direction Southwest

Total movement, 293

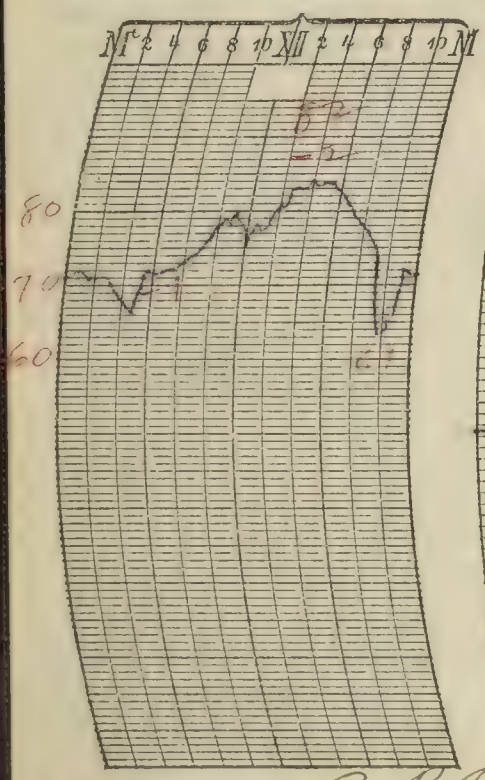
Average hourly velocity, 12.2

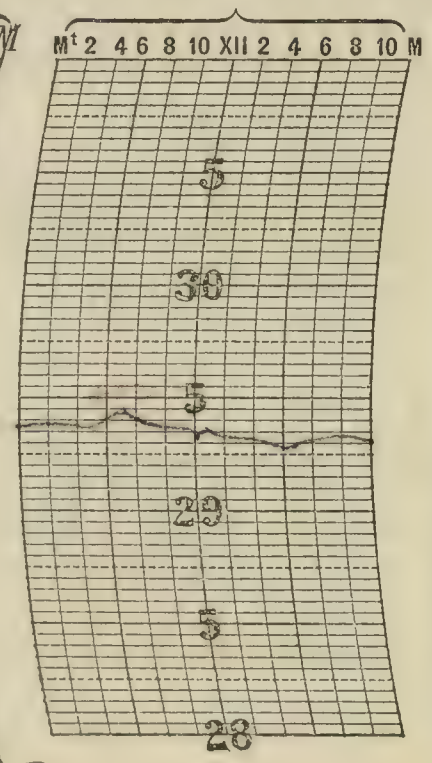
Maximum velocity,	Direction,	Time.
24	SW	12:13 am
Extreme	25 – SW –	12:14 am

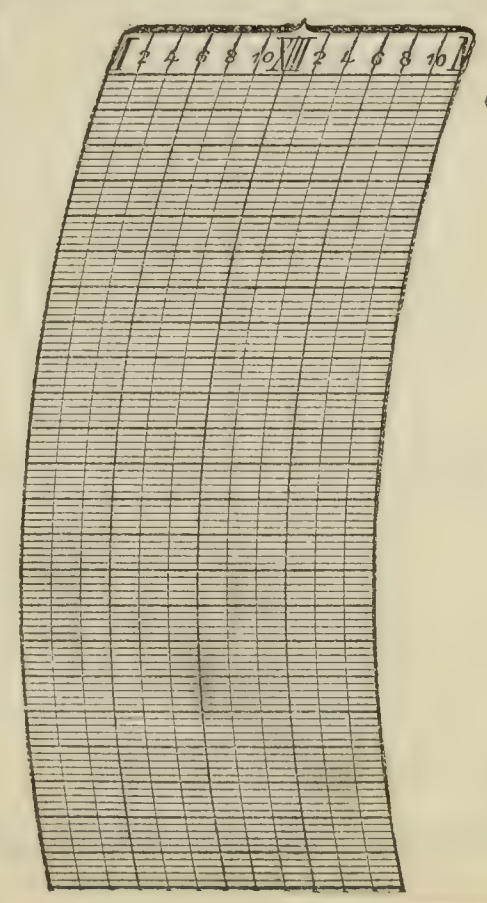
Relative humidity, 64 a. m. ____ p. m.

Reduced barometer, 30.00 a. m. ____ p. m.

River gage, 20.5, falling







NOTES.

Thunderstorm: First thunder heard 11:04 am; last heard 12:18 pm; storm came from S. W.

Prepared by S. P. P.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) MAY 21 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	71	70	65	59	63	66	72	72	77	79	81
State of weather: Nature of precipitation and time of beginning and ending							RB 6:22	RS 7:05				
Amounts of precipitation							T	T				
Cloudiness and other conditions					Rcoudy					Clear		
Sunrise: Time, Character,	4:22 Clear											
Sunshine (in tenths of hours)					.45 0	.4 0	0.3	0.8	0.9	0.9	1.0	1.0
Wind direction	SW	SW	SW	W	NE	E	E	SW	SW	SW	SW	SW
Wind movement	16	12	12	6	7	2	4	9	14	12	12	10
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	83	84	84	85	84	84	80	77	75	73	71	69
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									Clear visible			
Sunset: Time, Character,										7:12 Clear		
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.9 0.1	.20 0				
Wind direction	SW	SW	SW	SW	SW	SW	S	S	S	S	SE	S
Wind movement	9	9	10	10	13	11	8	7	8	8	10	9

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
85	59	72	62

Total depth of snow for 24 hours ending 7 p. m. 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 2

Actual sunshine, hours, 13.0

Possible sunshine, hours, 14.6

Percentage of possible sunshine, 89

Prevailing direction Southwest

Total movement, 228

Average hourly velocity, 7.5

Maximum velocity.	Direction.	Time.
17	SW	12:28 a.m.
Extreme vel. 18	SW	12:29 a.m.

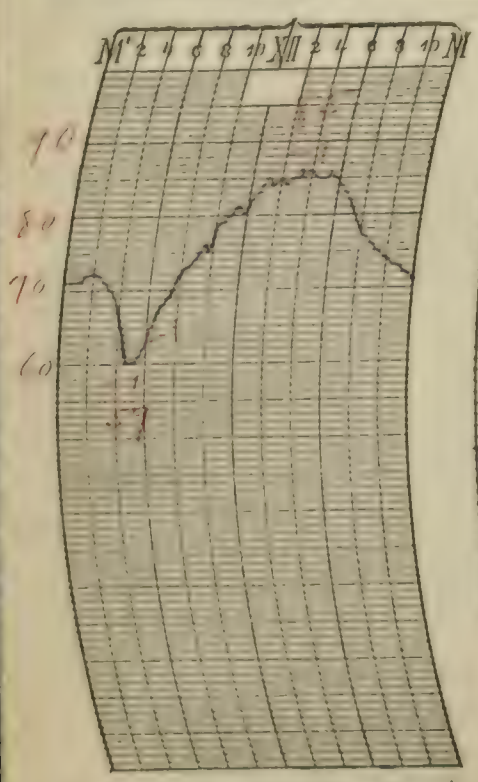
Relative humidity, 78 a. m. p. m.

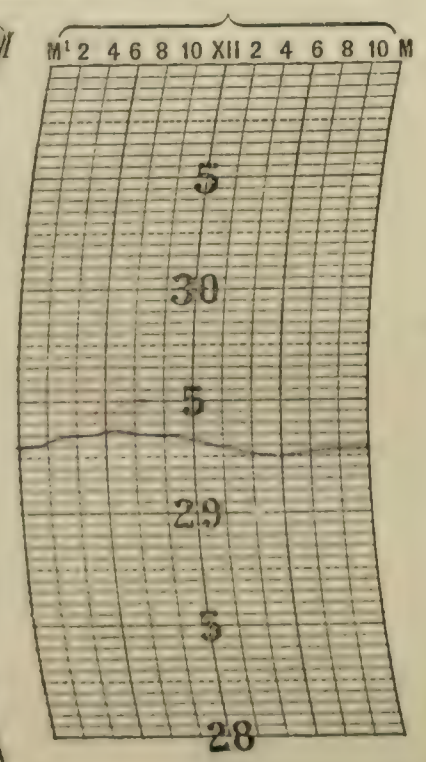
Reduced barometer, 29.97 a. m. p. m.

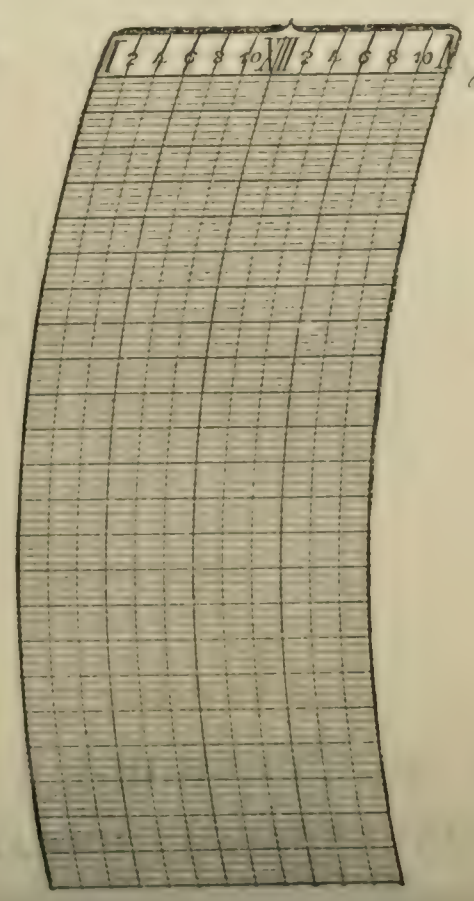
River gage, 20.3, falling

NOTES.

Lunar corona observed at 8 p.m.







Prepared by S. S. S.

Verified by S. S. S.

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) MAY 22 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	67	67	67	67	66	69	71	75	79	81	83
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					
Sunshine (in tenths of hours)					.47 0	1.0 0	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	S	S	S	S	SW	SW	SW	SW	SW	S	SW	SW
Wind movement	7	10	8	11	11	10	13	17	19	17	20	19
Maximum velocities (exceeding 25 miles) direction and time												

Sunrise: Time, 4:32; Character, Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	84	86	86	86	86	84	81	79	75	77	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Partly Cloudy							Clear	Moon visible	
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.4 0.6	1.0 0	.22 0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	S	S	SW	SW	SW
Wind movement	19	22	24	25	26	24	21	15	12	13	14	11
Maximum velocities (exceeding 25 miles) direction and time		1:50 SW 25	1:42 SW 27	3:41 SW 33	4:29 SW 32	5:10 SW 27	6:08 SW 26					

Sunset: Time, 7:13; Character, Clear

Maximum. 86 — Minimum. 66 — Mean. [illegible] — Normal. 62

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 2

Actual sunshine, hours, 14.7

Possible sunshine, hours, 14.7

Percentage of possible sunshine, 100

Prevailing direction Southwest

Total movement, 388

Average hourly velocity, 16.2

Maximum velocity,	Direction,	Time.
33	SW	3:41 pm
34	SW	3:40 pm

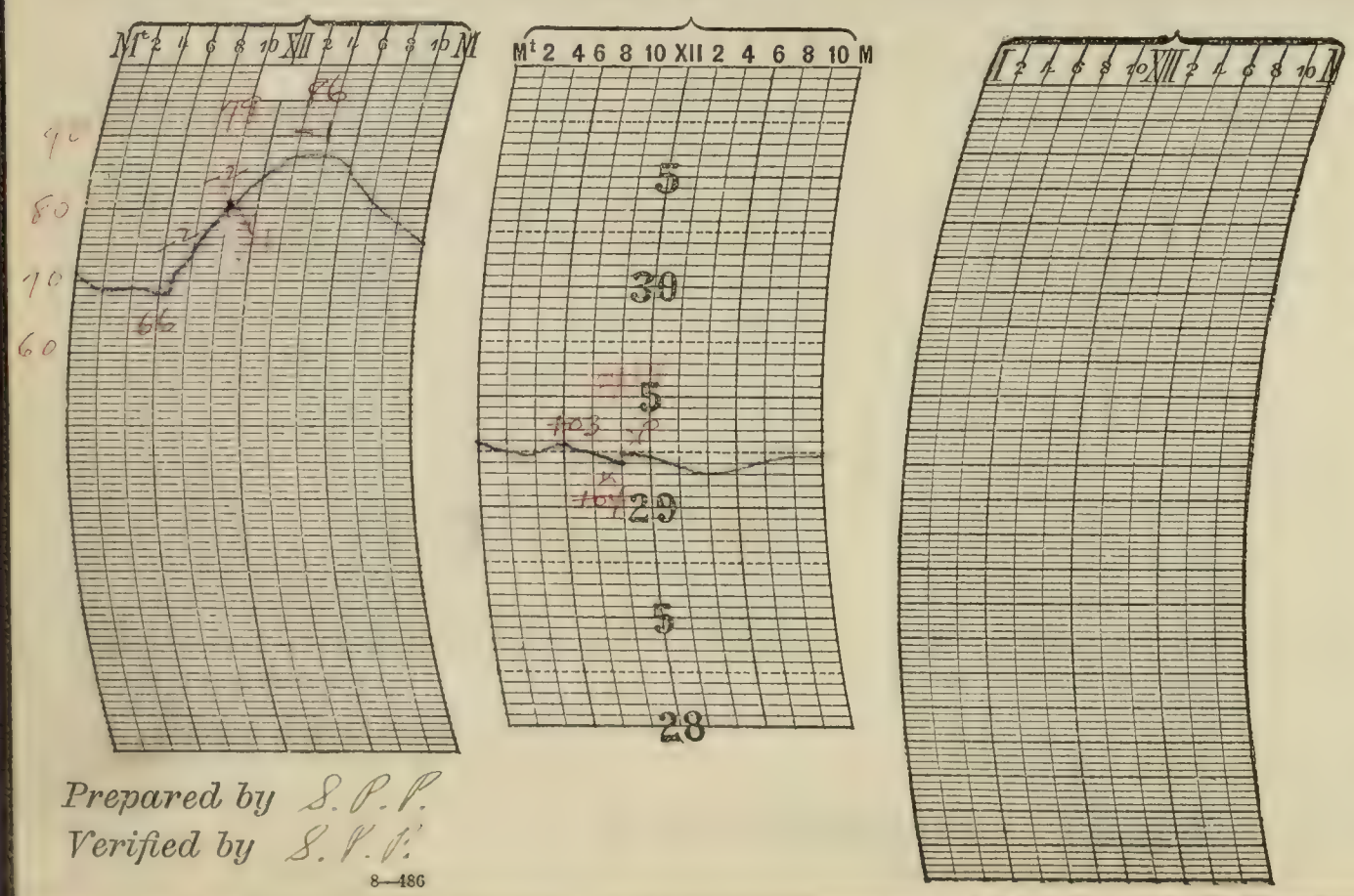
Relative humidity, 74 a. m. p. m.

Reduced barometer, 29.84 a. m. p. m.

River gage, 19.7, falling

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

NOTES.



Prepared by S. P. P.
Verified by S. V. V.

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) [illegible] 1910, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	72	71	70	70	71	74	78	79	81	83	80	81	82	87	88	88	84	83	81	80	78	74	73
					0		0									-1						RB 9:[illegible]		
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																						.01	.03	T
Cloudiness and other conditions					Clear						* PC Cldy		* Clear		PC		* Cloudy							
	Sunrise: Time, 4:31 Character, Clear																				Sunset: Time, 7:14 Character, Cloudy			
Sunshine (in tenths of hours)					.48 0	1.0 0	0.2 0.8	1.0	1.0	1.0	0.9	1.0	0.7	1.0	1.0	1.0	0.6	0	0	0				
Wind direction	SW	SW	SW	SW	SW	SE	W	SW	SW	SW	SW	SW	S	SW	SW	SW	SW	SW	SW	W	S	SW	W	W
Wind movement	13	10	6	7	3	3	8	14	17	18	17	13	8	18	23	19	19	14	10	7	7	11	7	8
Maximum velocities (exceeding 25 miles) direction and time															2:13 SW 28		4:[illegible] SW 25							

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amount: _____

Maximum.	Minimum.	Mean.	Normal.
88	69	78	63

Total depth of snow for 24 hours ending 7 p. m. 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .04 inches.

Character of day, Partly Cloudy, Moon phase, D [illegible]

Average daily cloudiness (0-10) 6

Actual sunshine, hours, 11.7

Possible sunshine, hours, 14.7

Percentage of possible sunshine, 80

Prevailing direction Southwest

Total movement, 281

Average hourly velocity, 11.8

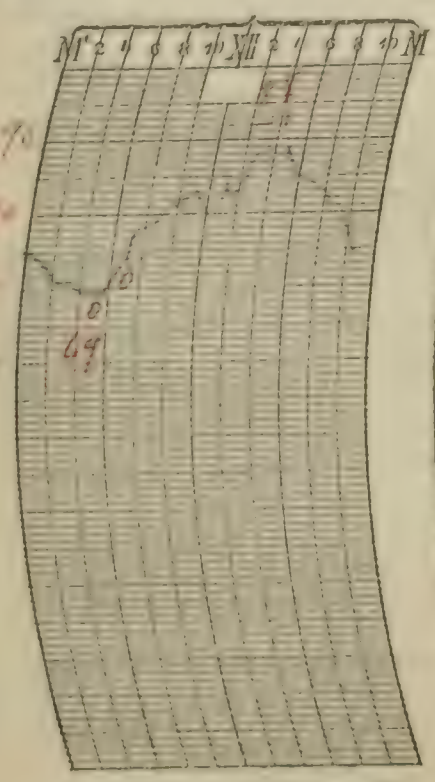
Maximum velocity, 28 Direction, SW Time, 2:13 p. m.

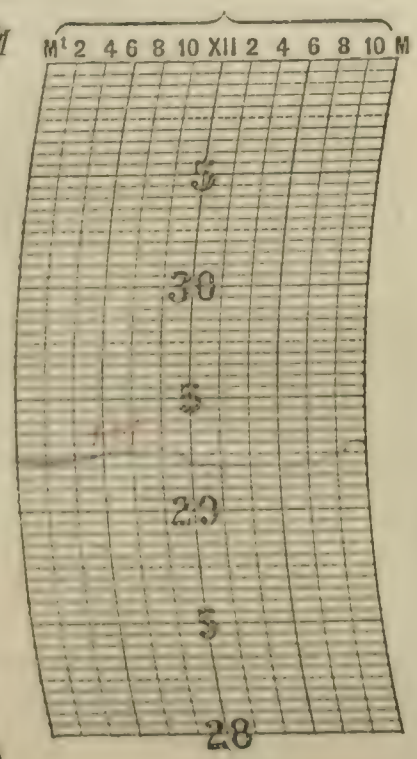
Extreme vel., 31-SW — 2:14 p. m.

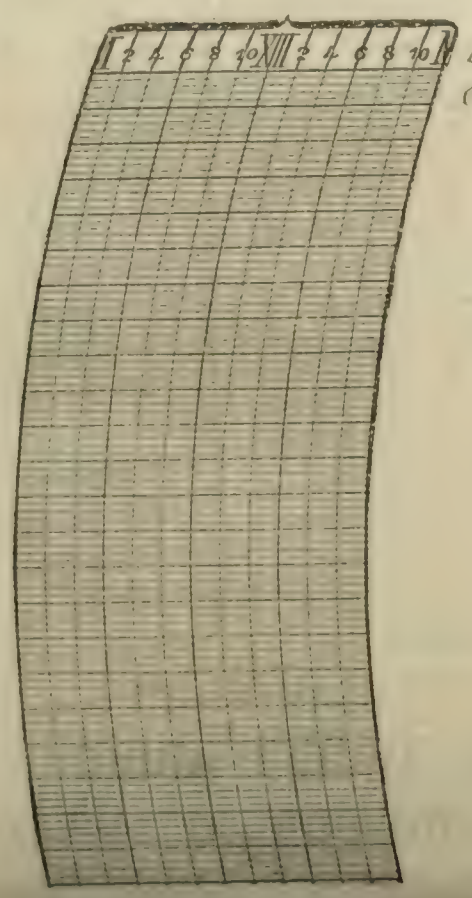
Relative humidity, 67 a. m. _____ p. m.

Reduced barometer, 29.82 a. m. _____ p. m.

River gage, 19.5, falling







NOTES.

Thunderstorm: First thunder heard at 7.45 p.m., last heard following 8 a.m. Storm came from N.E.

Prepared by S. S. V.

Verified by [illegible]

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) MAY 24 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	69	68	67	64	63	65	68	70	72	75	75
		R	Edka									
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	.16											
Cloudiness and other conditions							Clear					
Sunrise: Time, Character,	4:30 Clear											
Sunshine (in tenths of hours)					.50 0	1.0 0	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	NW	NW	N	NW	NW	NW	NW	NW	N	NW	NW	NW
Wind movement	5	6	9	5	2	3	3	8	6	6	7	7
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	77	77	79	77	75	74	72	70	67	65	62	
								R.B. 7:45	R2 8:05			
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation								T	T			
Cloudiness and other conditions			× Partly Cloudy					× Cloudy				
Sunset: Time, Character,									7:15 Cloudy			
Sunshine (in tenths of hours)			1.0	1.0	1.0	× 1.0	× 0.2	0				
Wind direction	NW	NW	NW	NW	N	N	N	N	N	N	N	N
Wind movement	8	9	11	11	10	6	4	4	5	5	5	4
Maximum velocities (exceeding 25 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

× Eye observation

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
79	60	70	64

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .20 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .16 inches.

Character of day, Partly Cloudy Moon phase,

Average daily cloudiness (0-10) 4

Actual sunshine, hours, 13.7

Possible sunshine, hours, 14.8

Percentage of possible sunshine, 93

Prevailing direction Northwest

Total movement, 152

Average hourly velocity, 6.3

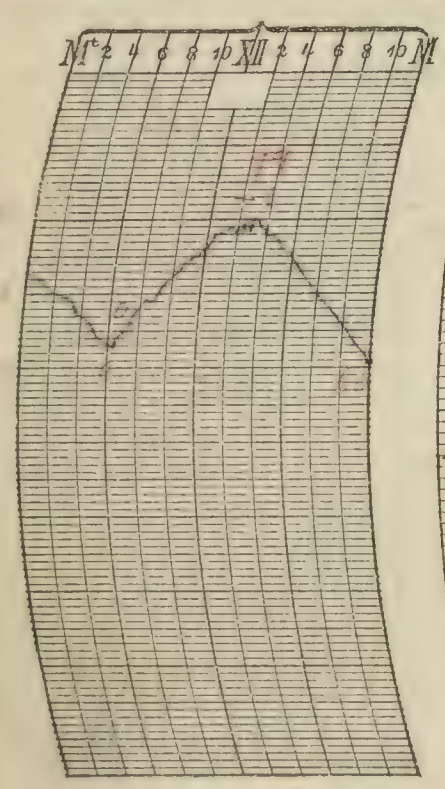
Maximum velocity,	Direction,	Time.
15	NW	3:02 pm

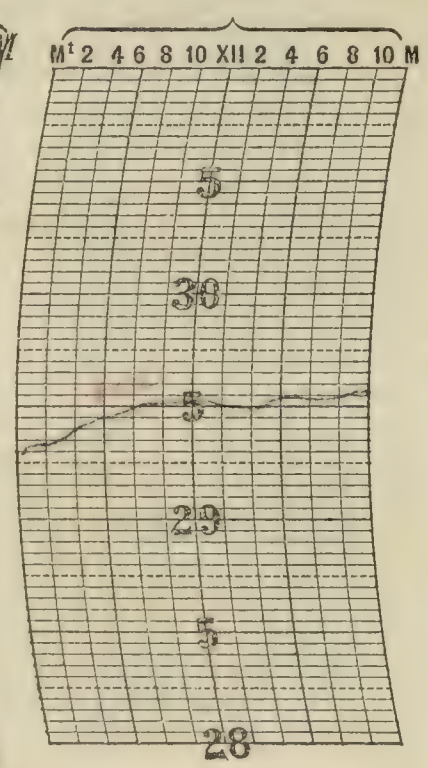
Extreme vel. 15 - NW 3:02 pm

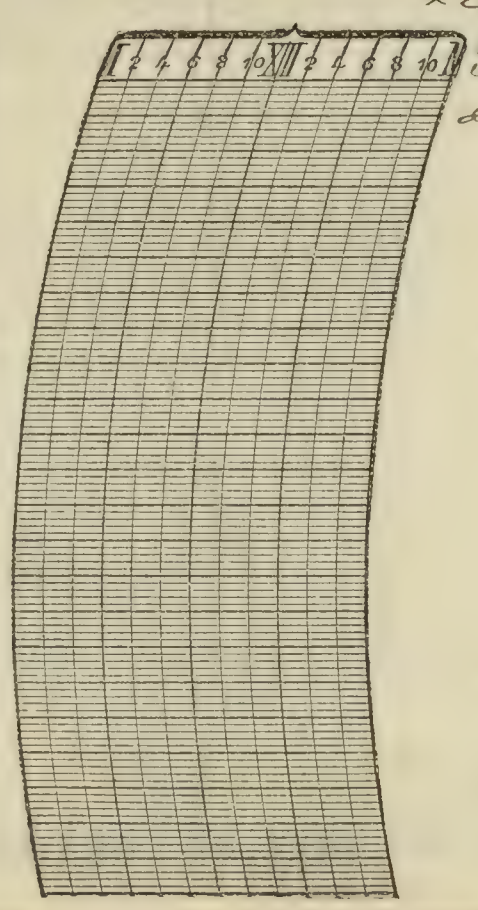
Relative humidity, 67 a. m. p. m.

Reduced barometer, 30.03 a. m. p. m.

River gage, 19.1, falling







NOTES.

Thunderstorm: First thunder heard preceding day; last heard DKa. Storm came from W.

Prepared by S. P. P.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) Y 25 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	61	61	59	57	56	60	64	70	71	74	74	74	76	78	78	77	79	77	75	71	66	62		
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear							Cloudy				Clear			Moon visible		
Sunshine (in tenths of hours)					.50 0	0.7 0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0	0.4	0.9	0.7 0.3	.27 0				
Wind direction	N	N	N	NE	NE	NE	NE	NE	E	SE	SE	S	S	SW	SW	SW	SW	W	W	W	W		E	E
Wind movement	6	3	2	4	1	1	3	2	6	5	4	5	4	4	4	4	4	4	3	1	3	5	7	4

Sunrise: Time, 4:30; Character, Clear

Sunset: Time, 7:16; Character, Clear

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	80	56		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 1 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear. Moon phase,

Average daily cloudiness (0–10) 3

Actual sunshine, hours, 12.6

Possible sunshine, hours, 14.8

Percentage of possible sunshine, 88

Prevailing direction Northeast

Total movement, 87

Average hourly velocity, 3.7

Maximum velocity,	Direction.	Time.
8	SW	12 M.

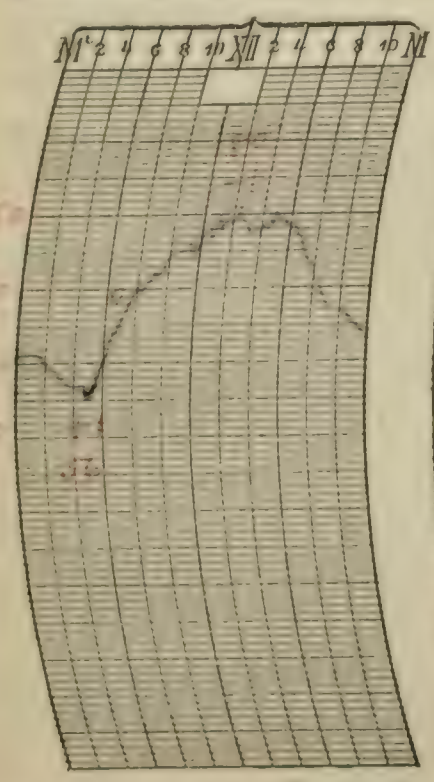
Extreme vel., 8 – SW – 12 M.

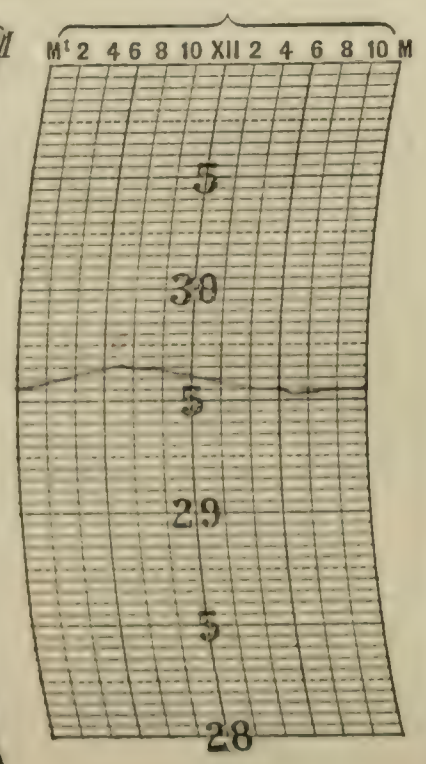
Relative humidity, 68 a. m. p. m.

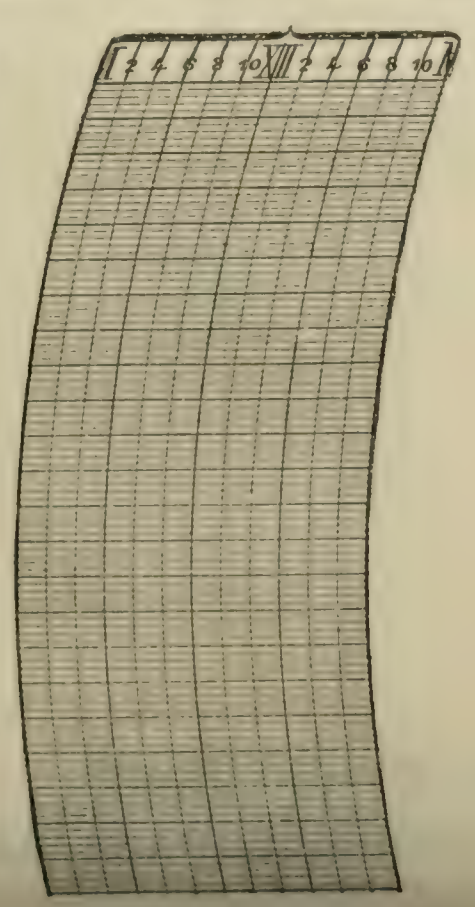
Reduced barometer, 30.20 a. m. p. m.

River gage, 18.7, falling

NOTES.







Prepared by S. P. S.
Verified by S. P. S.

9—186

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) MAY 26 1912, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	61	61	58	58	58	61	66	72	75	78	79	82	83	84	77	80	81	80	76	73	72	71	70	69
State of weather: Nature of precipitation and time of beginning and ending																RB 3:05 RE 3:35	R.B 4:12 RE 4:18							
Amounts of precipitation																T	T							
Cloudiness and other conditions							Clear						Cldy		Cloudy				Pt Cldy			Mooy visibe	Clear	

Sunrise: Time, 4:29; Character, Clear

Sunset: Time, 7:17; Character, Clear

	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Sunshine (in tenths of hours)					0	0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0	0	0	0.5	0.2				
Wind direction	E	E	NE	NE	NE	NE	E	SE	S	S	S	S	S	S	S	S	SW	S	S	S	SE	SE	SE	S
Wind movement	2	2	2	4	3	3	4	4	10	12	12	14	15	14	14	9	9	9	13	10	5	5	6	10
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
84	58	71	64

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cldy Moon phase,

Average daily cloudiness (0-10) 4

Actual sunshine, hours, 10.1

Possible sunshine, hours, 14.8

Percentage of possible sunshine, 74

Prevailing direction Southeast

Total movement, 191

Average hourly velocity, 8.0

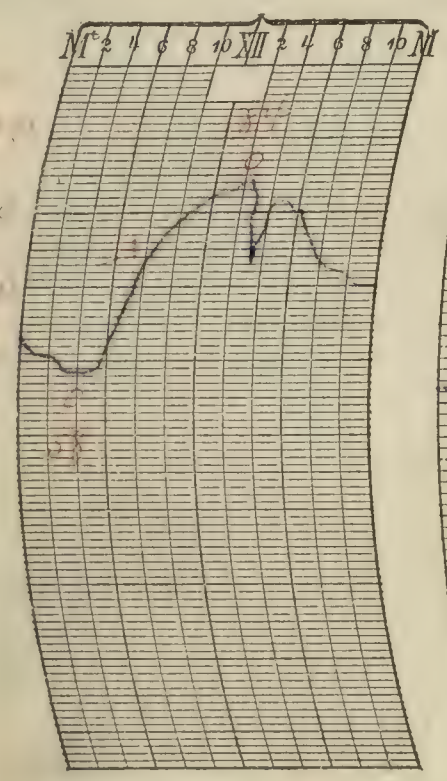
Maximum velocity,	Direction,	Time.
22	SW	3:00 pm

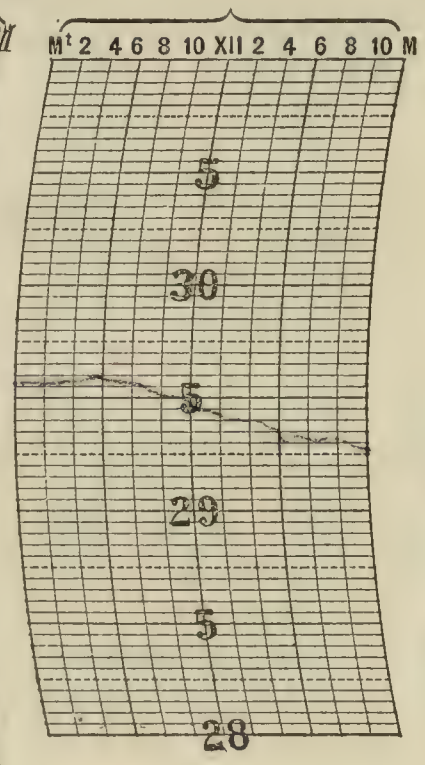
Extreme vel., 22 - SW - 3:00 pm

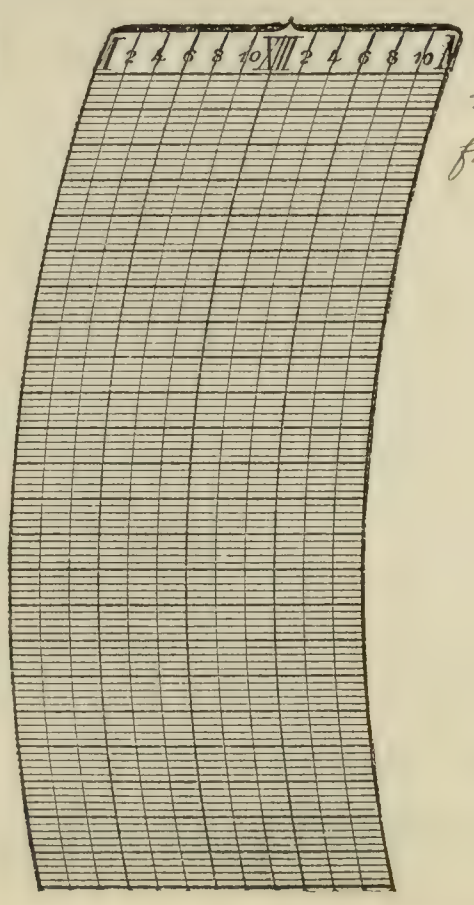
Relative humidity, 73 a. m. p. m.

Reduced barometer, 30.13 a. m. p. m.

River gage, 18.4, falling







NOTES.

Thunderstorm; First thunder heard at 2:45 pm; last heard at 4:05 pm; storm came from S.W.

Prepared by S.P.V.
Verified by S.P.V.

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) May 27 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	68	68	69	69	71	72	75	75	75	76	76	77	76	78	80	82	82	80	79	65	66	65	67
State of weather: Nature of precipitation and time of beginning and ending															RB 2:41 RE 2:47	RB 3:05 RE 3:15		RB 5:17 RE 5:21						
Amounts of precipitation															T	T		T		.24	.23	.06	.06	
Cloudiness and other conditions											Cloudy													
Sunshine (in tenths of hours)					.5 0	1.0 0	0.5 0.2	0.2	0	0	0.4	0.8	0.8	0.5	0.1	0	0	0	0	0				
Wind direction	S	S	S	SW	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	S	SW
Wind movement	11	12	12	7	10	16	18	20	20	20	21	20	17	20	21	14	17	17	16	15	13	16	19	15
Maximum velocities (exceeding 25 miles) direction and time											10:52 SW 26	2:15 SW 25		1:30 SW 31						7:51 SW 29				

Sunrise: Time, 4:28; Character, Clear

Sunset: Time, 7:18; Character, Cloudy

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts	7:18 p	Dura 28"	.61	7:48 p	8:07 p	.01	.08	.18	.36	.43										

Maximum.	Minimum.	Mean.	Normal.
82	64	74	68

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, ... inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .59 inches.

Character of day, Cloudy Moon phase, ...

Average daily cloudiness (0-10), 6.0

Actual sunshine, hours, 5.1

Possible sunshine, hours, 14.6

Percentage of possible sunshine, 34

Prevailing direction Southwest

Total movement, 379

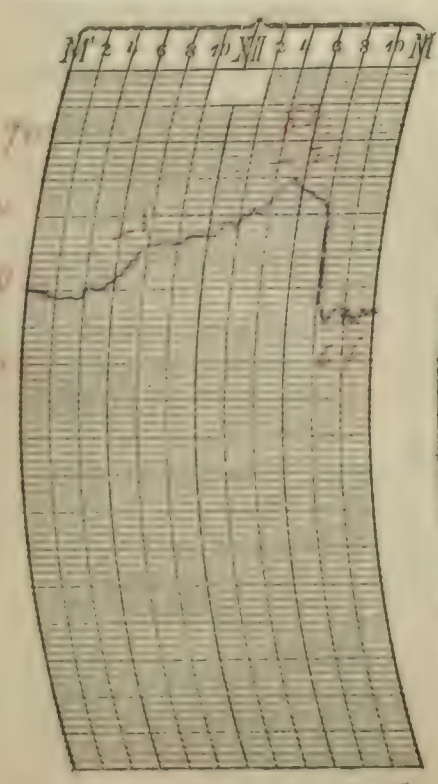
Average hourly velocity, 16.2

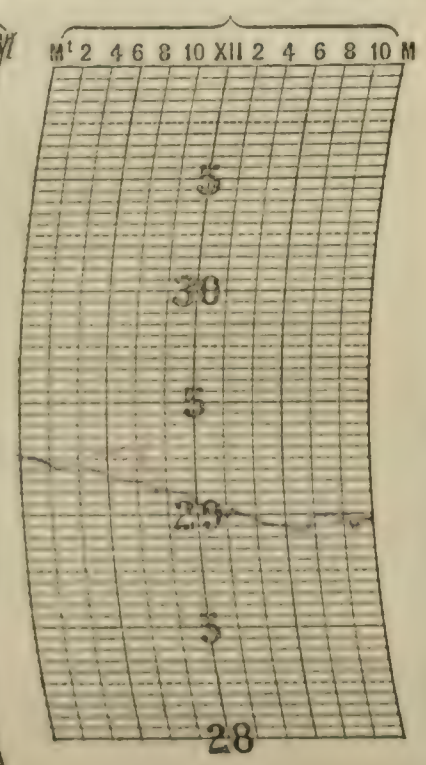
	Maximum velocity.	Direction.	Time.
Extreme vels.	37	SW	7:51 p.m.
	47	SW	7:49 p.m.

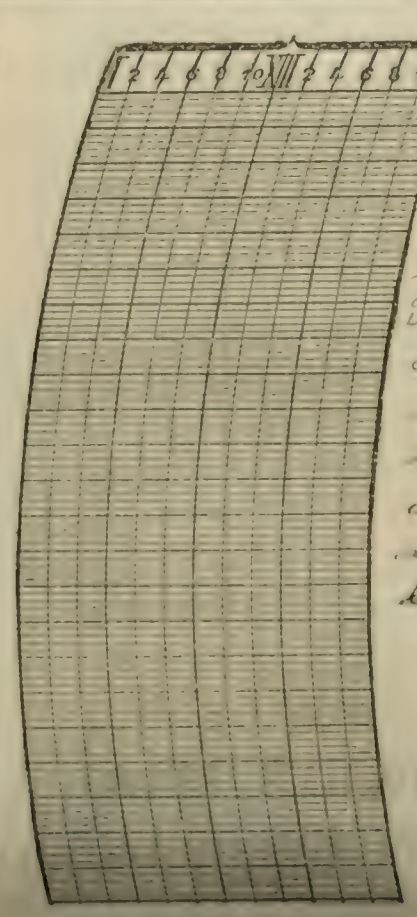
Relative humidity, 74 a. m. ..... p. m.

Reduced barometer, 27.71 a. m. ..... p. m.

River gage, 18.2, falling.







NOTES.

Slow Snowstorm; First thunder heard at 3:40 p.m.; last heard at 3:10 p.m.; storm came from S.W. Thunderstorm; First thunder heard at 7:40 p.m.; last heard following day. Storm came from S.W. This storm was of unusual severity. The lightning was frequent and the thunder heavy. The rainfall was excessive amounting to .43 of an inch in 19 minutes. Several buildings in the vicinity of La Salle were destroyed by lightning. The loss is estimated at about $4000. The electric light system and telephone service of La Salle were temporarily crippled by the storm.

Prepared by S. P. P.

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) MAY 28 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	65	64	64	64	64	65	66	67	68	69	70
	R D Ula											RB 11:23 RL 11:32
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	.02											T
Cloudiness and other conditions							Cloudy					
Sunrise: Time, Character,	4:28 Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0.3
Wind direction	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	17	17	14	6	7	9	11	14	13	12	12	10
Maximum velocities (exceeding 25 miles) direction and time	12:57 S 28											

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	74	78	79	78	73	68	66	63	63	61	61
									RB 8:03 RL 8:55			
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation									.03			
Cloudiness and other conditions	Partly Cloudy						Cloudy					
Sunset: Time, Character,									7:18 Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.7	0	0	0				
Wind direction	SW	SW	SW	SW	SW	W	W	NW	N	NE	NE	NE
Wind movement	13	14	13	15	13	13	8	6	4	4	4	5
Maximum velocities (exceeding 25 miles) direction and time												

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
80	61	70	65

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .61 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .05 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 5.0

Possible sunshine, hours, 14.8

Percentage of possible sunshine, 34

Prevailing direction Southwest

Total movement, 254

Average hourly velocity, 10.6

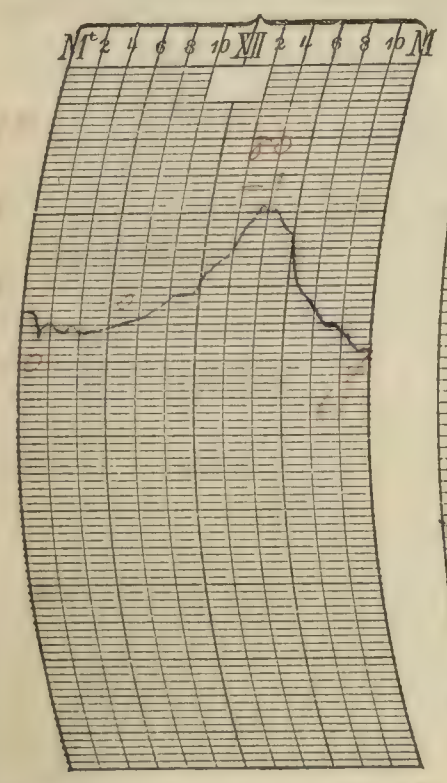
Maximum velocity,	Direction,	Time.
28	S	12:57 am

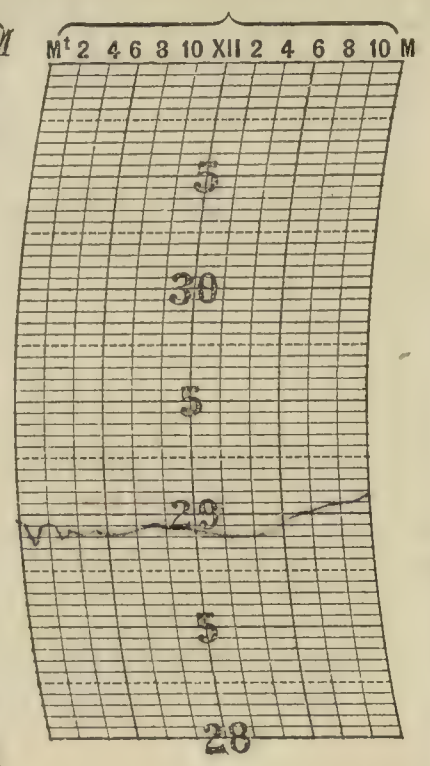
Extreme vel., 28 - S - 12:57 am

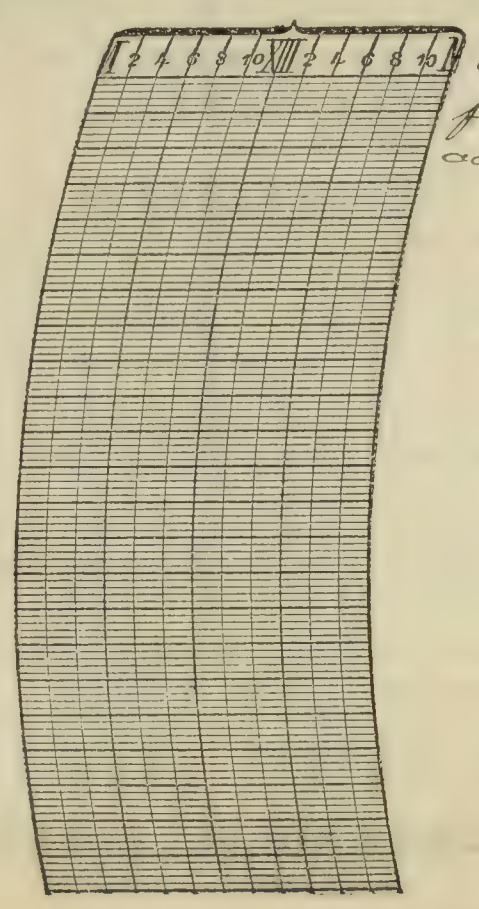
Relative humidity, 58 a. m. p. m.

Reduced barometer, 29.45 a. m. p. m.

River gage, 18.2, on stand.







NOTES.

Thunderstorm: First thunder heard preceding day; last heard R D Ula. Storm came from S. W.

Prepared by S. P. P.

Verified by S. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) MAY 29 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	52	49	48	48	48	48	45	50	52	54	55
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									Cloudy			
Sunrise: Time, 4:27 Character, Cloudy												
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	N	N
Wind movement	11	16	13	13	11	10	8	11	8	9	11	9
Maximum velocity (exceeding ..... miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	57	57	57	57	57	56	56	56	56	55	55
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, 7:19 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0	0	0	0				
Wind direction	N	N	NE	NE	NE	NE	NE	N	N	N	NE	E
Wind movement	9	7	7	8	7	6	4	3	2	2	3	2
Maximum velocity (exceeding ..... miles) direction and time												

State of weather.

Excessive precipitation, accumulated amount:	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
61	42	[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .03 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 14.9

Percentage of possible sunshine, 0

Prevailing direction Northeast

Total movement, 190

Average hourly velocity, 7.9

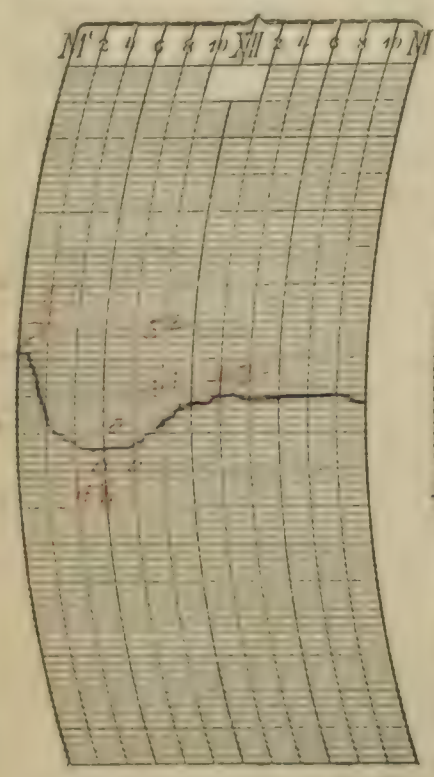
	Maximum velocity,	Direction,	Time.
Extreme vel.	20	NE	12:42 a. m.
	21	NE	12:43 a. m.

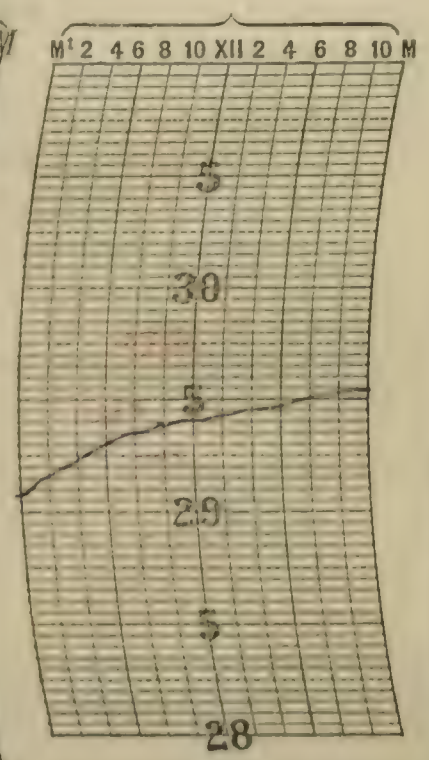
Relative humidity, 90 a. m. ..... p. m.

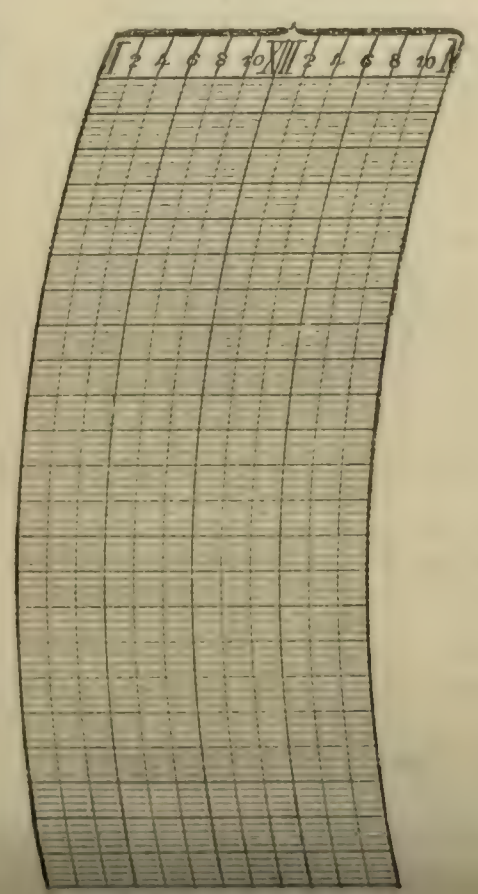
Reduced barometer, 29.85 a. m. ..... p. m.

River gage, 17.9, Lac[illegible]

NOTES.







Prepared by S. P. R.

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) MAY 30 1912, 191

Time (local standard), 90th mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	53	52	51	49	48	52	56	61	63	65	66	67	68	68	69	69	68	66	64	62	60	57	[illegible]
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Clear						Partly Cloudy						Clear					Clear		
Sunshine (in tenths of hours)					0	0	0.1	0.3	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0	0				
Wind direction	E		E	E	E	NE	NE	NW	NW	SW	SE	SE	SE	SE	SE	E	SE	SE	SE	SE	SE	SE	S	S
Wind movement	2	0	1	2	2	1	2	2	3	3	4	4	7	5	6	7	7	7	6	4	5	5	6	4
Maximum velocities (exceeding 25 miles) direction and time																								

Sunrise: Time, 4:27; Character, Clear

Sunset: Time, 7:20; Character, Clear

Maximum.	Minimum.	Mean.	Normal.
70	48	57	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear. Moon phase, [illegible]

Average daily cloudiness (0-10) 2

Actual sunshine, hours, 13.05

Possible sunshine, hours, 14.7

Percentage of possible sunshine, 91

Prevailing direction Southeast

Total movement, 95

Average hourly velocity, 4.0

Maximum velocity,	Direction,	Time.
8	E	12:45 pm
Extreme vel. 8	E	12:45 pm

Relative humidity, 94 a. m. ____ p. m.

Reduced barometer, 30.17 a. m. ____ p. m.

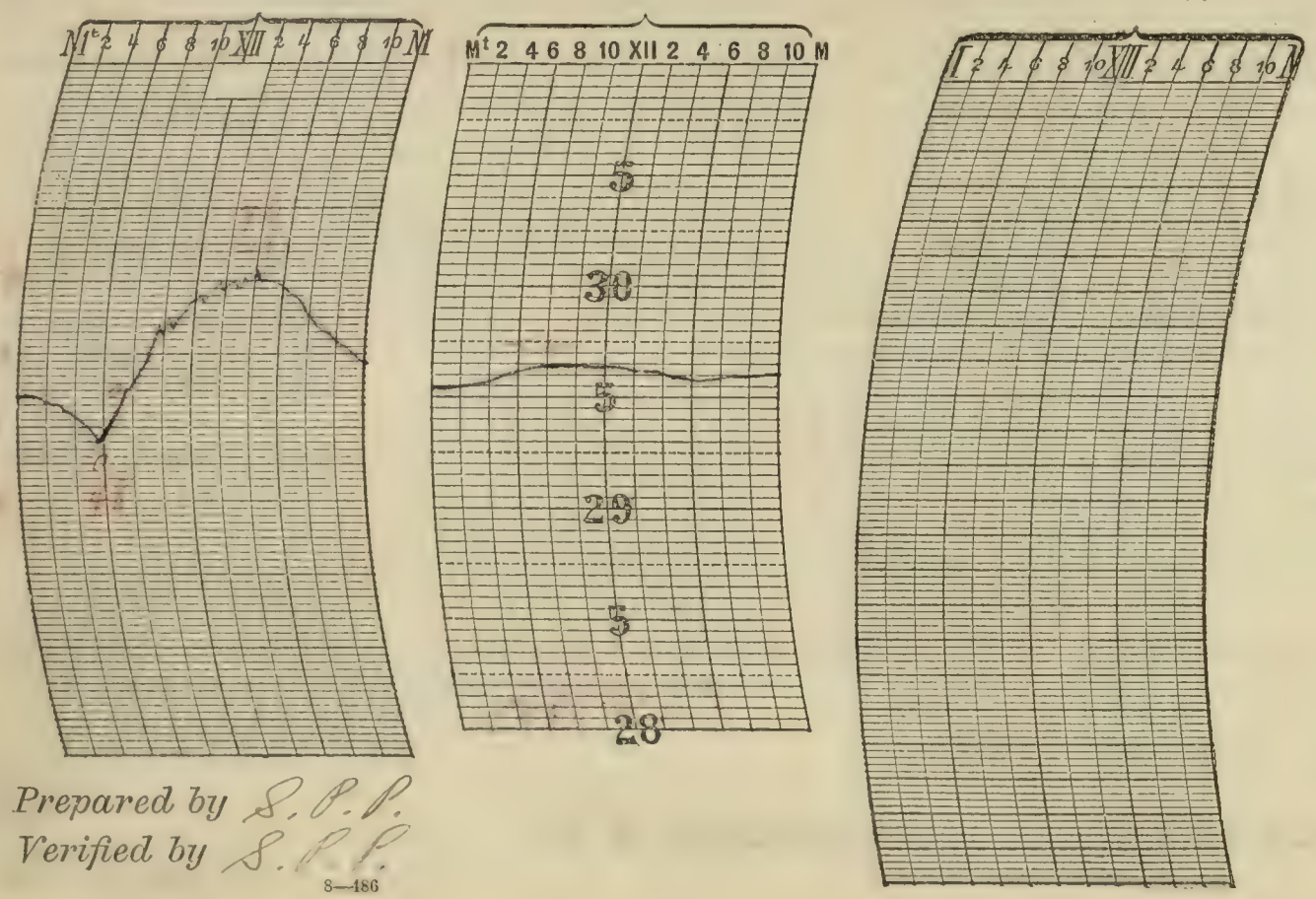
River gage, 17.8 falling

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.
Excessive precipitation, accumulated amounts						

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

NOTES.



Prepared by S. P. P.

Verified by S. P. P.

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) MAY 31 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	57	57	55	53	55	58	64	68	71	72	73
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Moon visible								Clear			
Sun-shine (in tenths of hours)					.57 0	1.0 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0
Wind direction	S	S	S	S	S	S	SE	SE	S	S	S	SW
Wind movement	3	3	3	2	1	2	4	6	10	10	12	13

Sunrise: Time, 4:26; Character, Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	77	78	79	79	77	73	71	70	68		
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions										Moon visible		
Sun-shine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.1 0.9	1.0 0	.35 0				
Wind direction	S	S	S	SW	SW	S	S	S	S	S	S	S
Wind movement	11	10	10	11	10	10	6	4	4	6	6	4

Sunset: Time, 7:21; Character, Clear

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
79	53		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 2

Actual sunshine, hours, 14.9

Possible sunshine, hours, 14.9

Percentage of possible sunshine, 100

Prevailing direction South

Total movement, 162

Average hourly velocity, 6.8

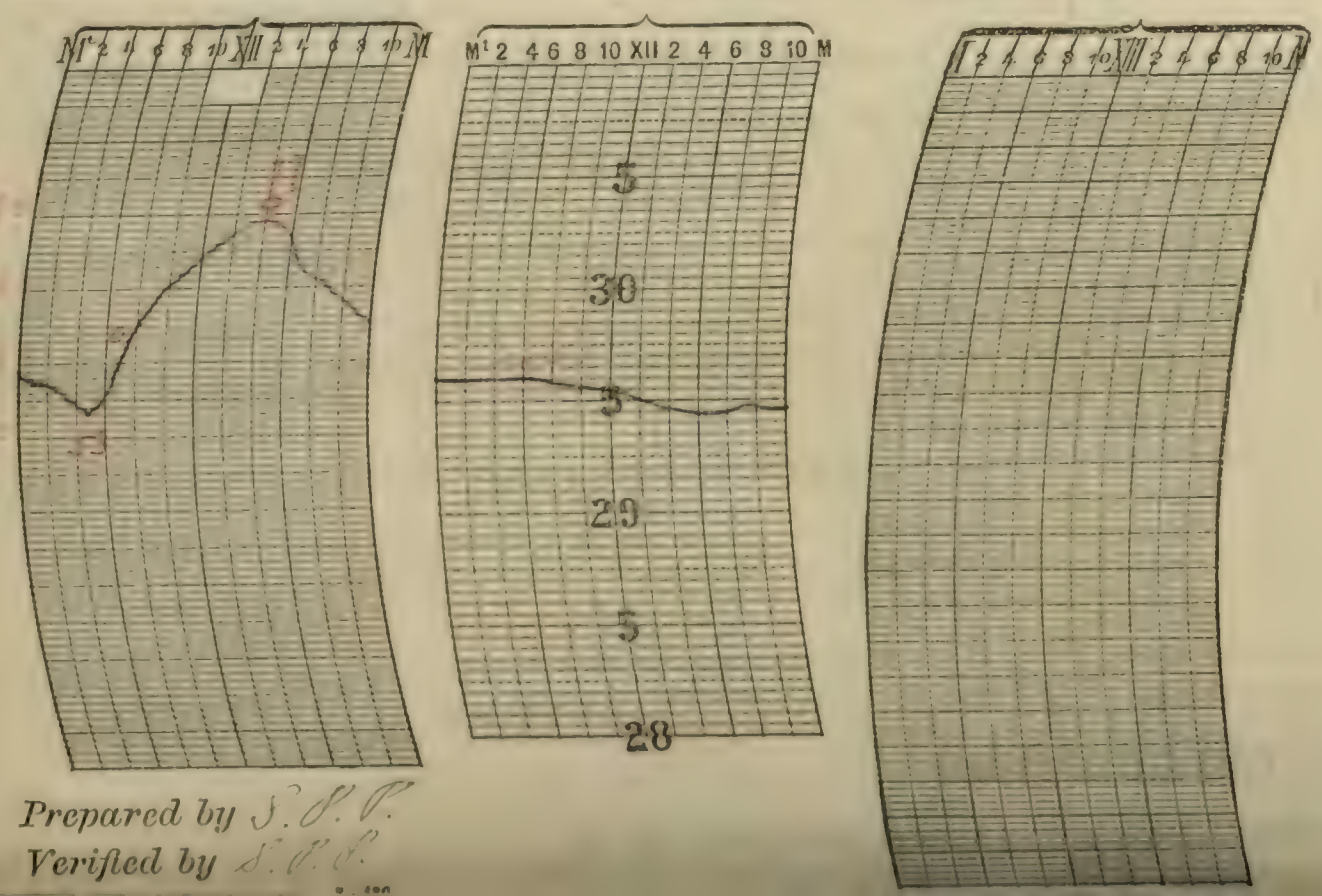
Maximum velocity,	Direction,	Time.
16	SW	10:52 a.m.
Extreme vel., 17	SW	10:51 a.m.

Relative humidity, 87 a. m. p. m.

Reduced barometer, 30.13 a. m. p. m.

River gage, 17.7, falling

NOTES.



Prepared by S. S. P.

Verified by S. O. C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) JUN 1 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	62	62	61	61	64	66	71	74	77	79	80
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Moon visible						Pt cldy					
Sunshine (in tenths of hours)					.57 0	1.0 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0
Wind direction	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	4	4	3	3	2	4	3	6	6	9	12	11

Sunrise: Time, 4:26; Character, Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	80	81	81	81	71	71	73	71	69	66	64	63
State of weather: Nature of precipitation and time of beginning and ending					RB 4:50	RE 5:18						
Amounts of precipitation					T	.01						
Cloudiness and other conditions					Cldy	Pt cldy					Moon visible a little	
Sunshine (in tenths of hours)	1.0	1.0	0.7	0.2	0	0	0.5 0	.37 0				
Wind direction	S	S	S	S	S	SW	SW	SW	W	W	W	SW
Wind movement	11	13	12	10	11	8	10	6	10	14	14	13

Sunset: Time, 7:22; Character, Clear

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
82	61	72	66

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Pt cldy; moon phase,

Average daily cloudiness (0-10) 6

Actual sunshine, hours, 11.3

Possible sunshine, hours, 14.9

Percentage of possible sunshine, 76

Prevailing direction Southwest

Total movement, 199

Average hourly velocity, 8.3

Maximum velocity,	Direction,	Time.
21	SW	9:46 pm
Extreme vel., 22	SW	9:45 pm

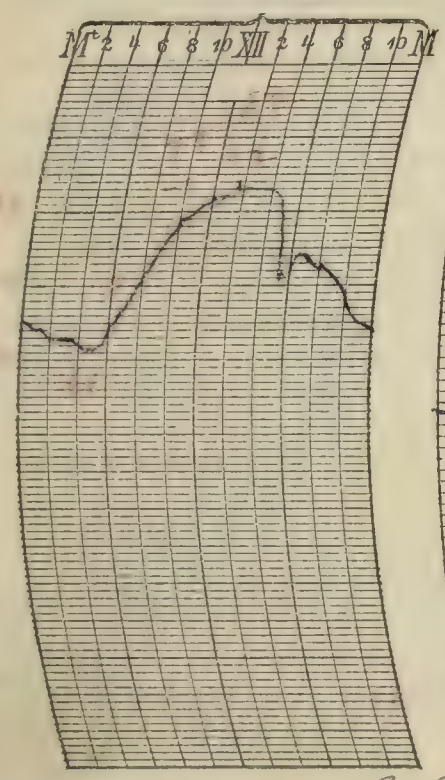
Relative humidity, 83 a. m. ____ p. m.

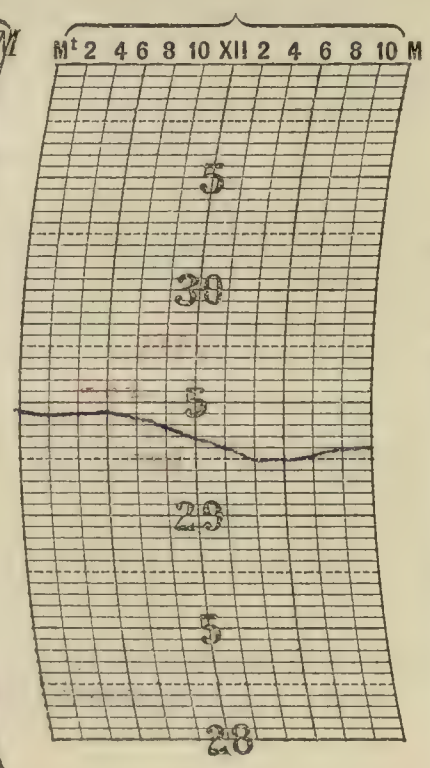
Reduced barometer, 30.00 a. m. ____ p. m.

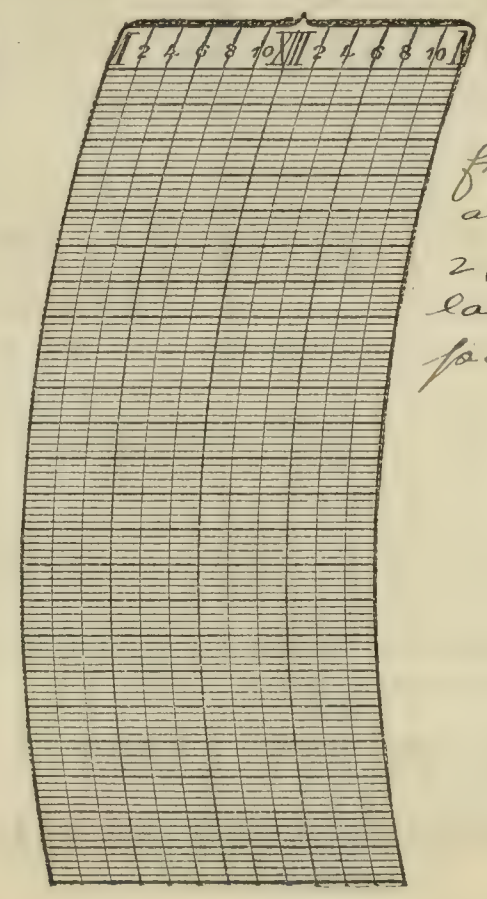
River gage, 17.6, falling

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.







NOTES.

Thunderstorm: First thunder heard at 4:42 pm; last heard at 5:20 pm; storm came from S.W. The extreme velocity of the wind attending this thunderstorm was about 21 miles per hour. This capsized a 20-foot launch near Spring Valley and one of the party was drowned.

Prepared by S. P. P.
Verified by S. P. P.

8—486

Form No. 1011—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday. (Date) JUN 2 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	60	59	58	58	58	57	57	58	61	64	70
State of weather: Nature of precipitation and time of beginning and ending			RB	RUa				RE 7:20				
Amounts of precipitation						T	T	T				
Cloudiness and other conditions			Cloudy									
Sunrise: Time, Character,	4:25 Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0	0	0.5	0.8
Wind direction	W	SW	SW	SW	W	W	W	W	W	W	W	W
Wind movement	15	14	16	13	14	15	13	12	11	12	10	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	74	76	76	76	76	73	69	67	66	64	
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions											Moon visible	
Sunset: Time, Character,									7:22 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.9 .37	0.1	0			
Wind direction	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW
Wind movement	10	10	9	9	9	8	7	3	4	7	6	7

Maximum velocities (exceeding 25 miles) direction and time

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
77	57		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Partly Cloudy Moon phase,

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 8.7

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 58

Prevailing direction Southwest

Total movement, 245

Average hourly velocity, 10.2

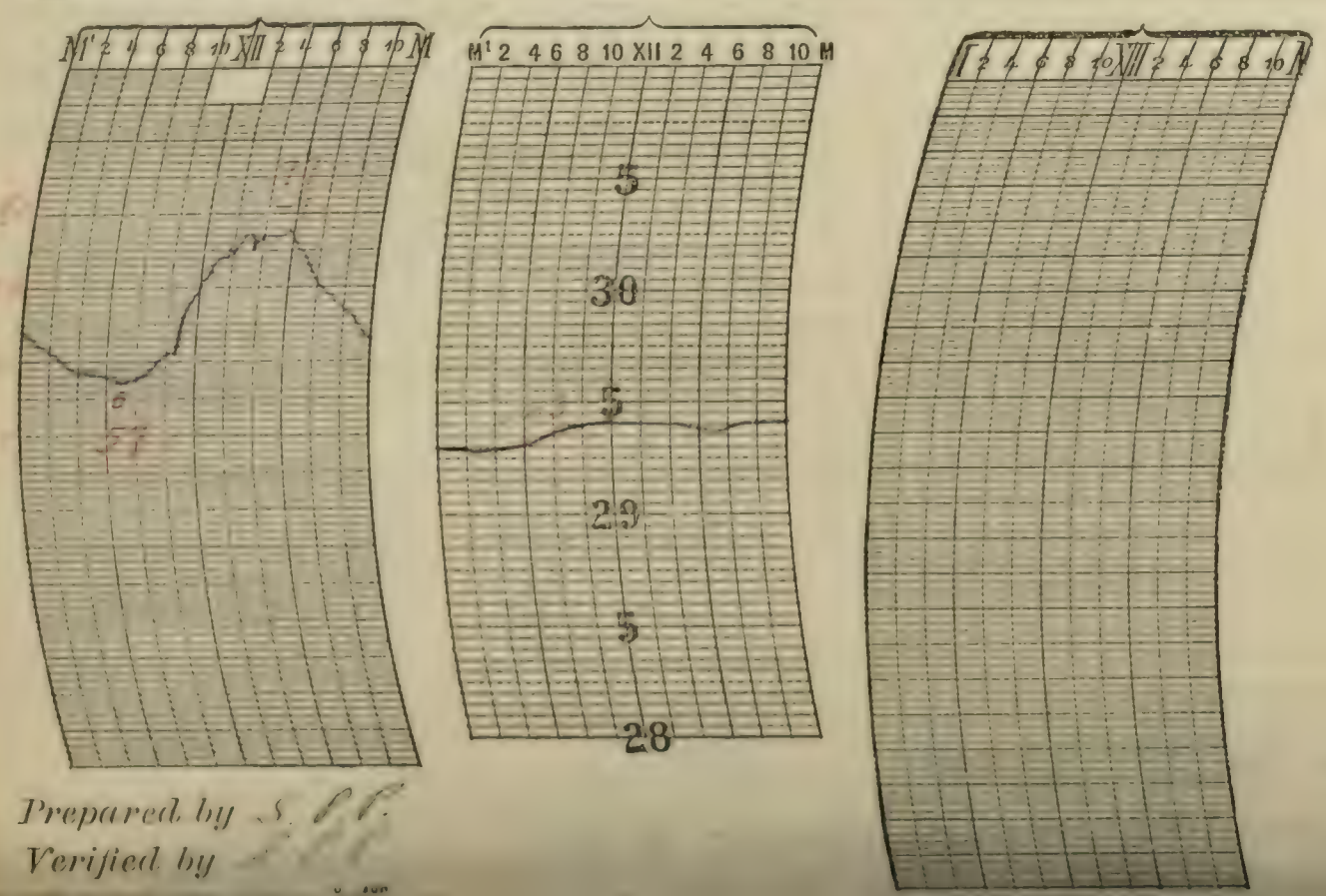
Maximum velocity,	Direction,	Time.
20	SW	2:46 am
Extreme vel., 22	SW	2:48 am

Relative humidity, 97 a. m. p. m.

Reduced barometer, 29.85 a. m. p. m.

River stage, 17.5 falling

NOTES.



Prepared by S. C. C.

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Monday, (Date) JUN 3 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	63	62	60	60	63	66	72	76	78	80	81
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Moon visible							Clear				
Sunshine (in tenths of hours)					.58 0	1.0 0	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	W	W	SW	SW	W	SW	SW	SW	SW	SW	SW	SW
Wind movement	7	5	8	5	5	9	10	14	17	20	18	17

Sunrise: Time, 4:25 Character, Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	83	83	82	83	83	68	65	62	57	56	56	56
State of weather: Nature of precipitation and time of beginning and ending									R.B. 8:00 R.L. 8:10 R.B. 8:34			
Amounts of precipitation									.25	.07	.03	
Cloudiness and other conditions	Pt Cldy & Cloudy											
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.4	0.9	0.1	0	0				
Wind direction	SW	SW	SW	SW	SW	N	NE	NE	NE	E	SE	SE
Wind movement	18	18	17	16	16	19	15	11	8	6	3	3

Sunset: Time, 7:23 Character, Cloudy

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
84	55	70	67

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .35 inches.

Character of day, Pt Cldy Moon phase,

Average daily cloudiness (0-10) 4

Actual sunshine, hours, 12.0

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 80

Prevailing direction Southwest

Total movement, 285

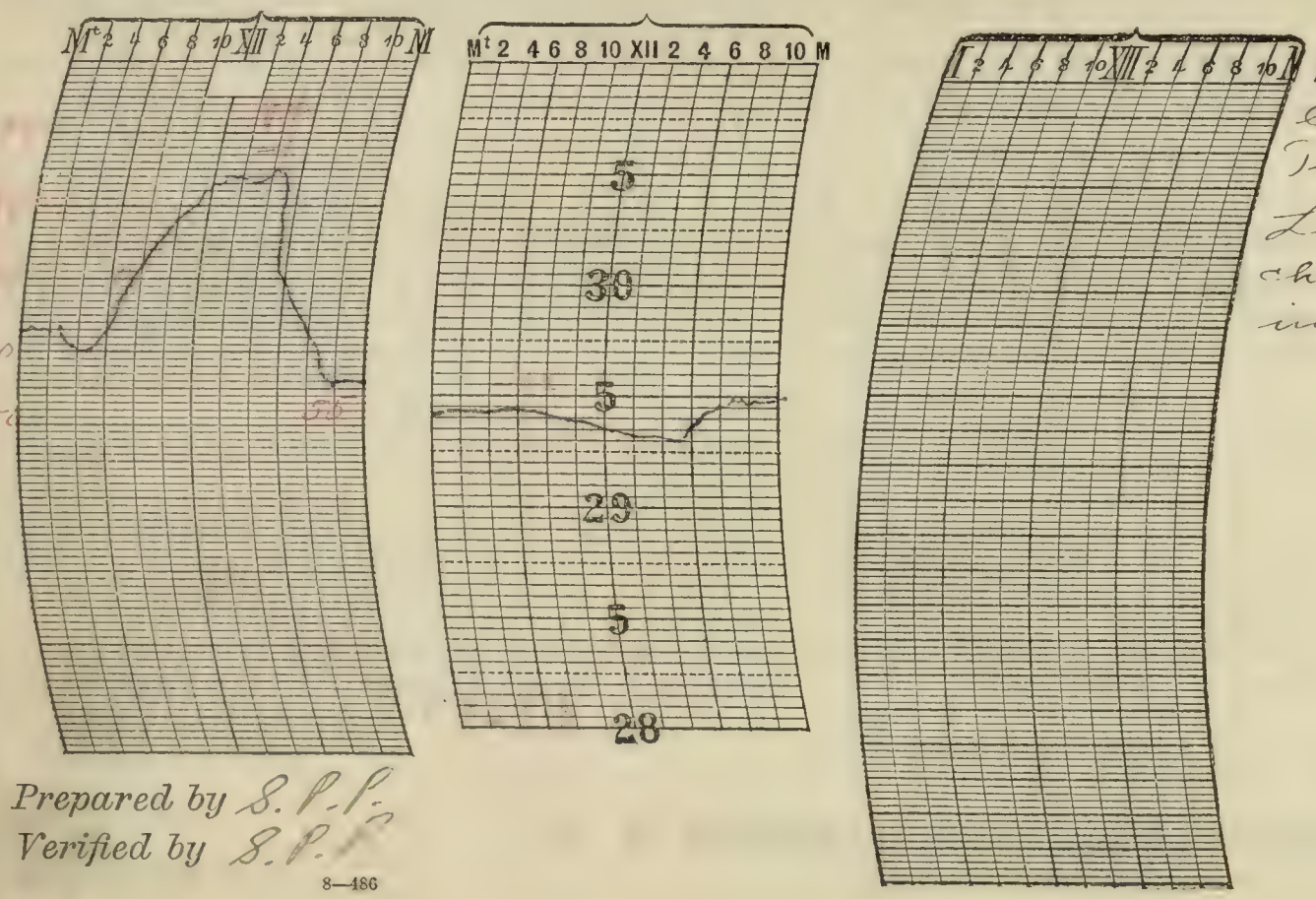
Average hourly velocity, 11.9

Maximum velocity,	Direction,	Time.
23	N	5:28 pm
Extreme vel., 25	SW	9:48 am

Relative humidity, 68 a. m. p. m.

Reduced barometer, 29.97 a. m. p. m.

River gage, 17.2, falling



NOTES.

Thunderstorm: First thunder heard at 8:26 pm; last heard 8:41 p. Storm came from S. W. This storm was attended by very heavy thunder. Lightning struck the steeple of St. Joseph's church, at Fifth and Hennepin streets, damaging it considerably.

Prepared by S. P. S.
Verified by S. P. S.

8—486

Form No. 1011—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) JUN 4 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	56	56	55	54 (+1)	56	58 (0)	63	65	67	70	70
State of weather: Nature of precipitation and time of beginning and ending		R	R	R								
Amounts of precipitation			.01									
Cloudiness and other conditions									Clear			
Sunrise: Time, Character,	4:25 Clear				.58	0.7						
Sunshine (in tenths of hours)					0	0.3	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	SE	W	W	W	W	W	W	W	W	W	W	W
Wind movement	3	4	3	4	5	5	7	9	11	14	15	17

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	72 (0)	72	70	69	67	65	63	62	61	61	60
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Partly Cloudy							
Sunset: Time, Character,							0.6	.40	7:24 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.7	0.2	0	0	0				
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	19	16	15	13	10	8	5	4	3	5	2	2

Maximum velocity, 25 miles, direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
73	54	64	67

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .36 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .36 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 2

Actual sunshine, hours, 12.5

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 83

Prevailing direction Northwest

Total movement, 199

Average hourly velocity, 8.3

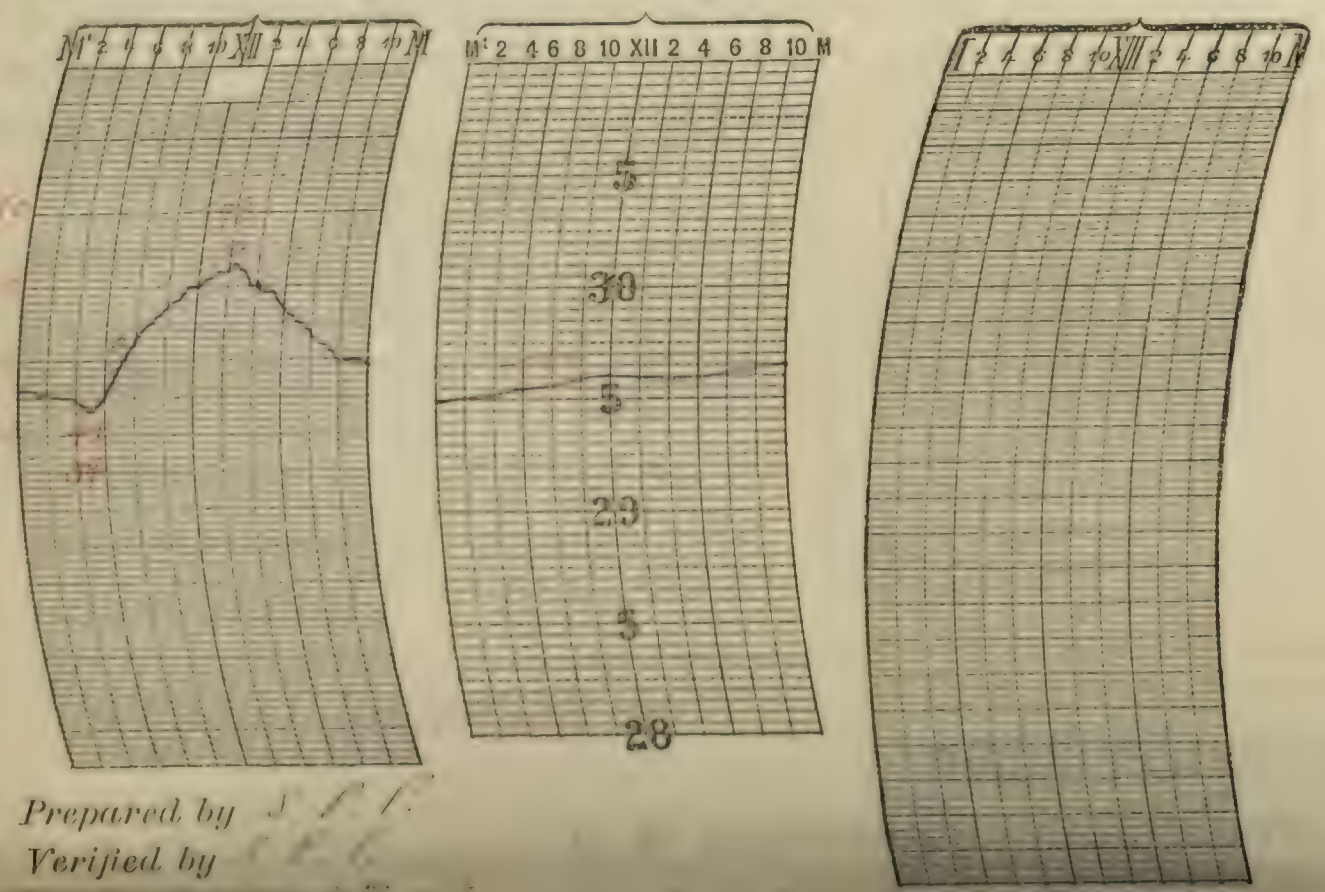
Maximum velocity,	Direction,	Time.
22	W	12:04 p.m.
Extreme vel. 24	W	12:03 p.m.

Relative humidity, 78 a. m. p. m.

Reduced barometer, 30.11 a. m. p. m.

River gage, 17.1, +0.0

NOTES.



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) JUN 5 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	56	54	52	54	54	56	65	67	71	72	75	77	78	76	68	65	66	67	66	64	63	62	63
																RB 3:31		RE 5:05						
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																T	T	T						
Cloudiness and other conditions		Hazy visibility a little earlier					PC	CC	9			X		CC	CC	9	1				X	PC	CC	9
Sunshine (in tenths of hours)	Sunrise: Time, 4:24 Character, Clear				6 0	6 0	4 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0	0	0	0	0	Sunset: Time, 7:24 Character, Cloudy			
Wind direction	NW	NW	NW	NW	N	N	N	E	SE	S	SW	SW	SW	SW	SW	W	NW	NW	SW	SW	SW	NW	NW	W
Wind movement	2	3	2	2	2	1	3	3	7	9	9	10	9	9	9	6	10	3	4	3	3	5	4	5
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
75	52	65	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, PC Cdy Moon phase,

Average daily cloudiness (0-10) 7

Actual sunshine, hours, 8.9

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 59

Prevailing direction Southwest & Northwest

Total movement, 123

Average hourly velocity, 5.1

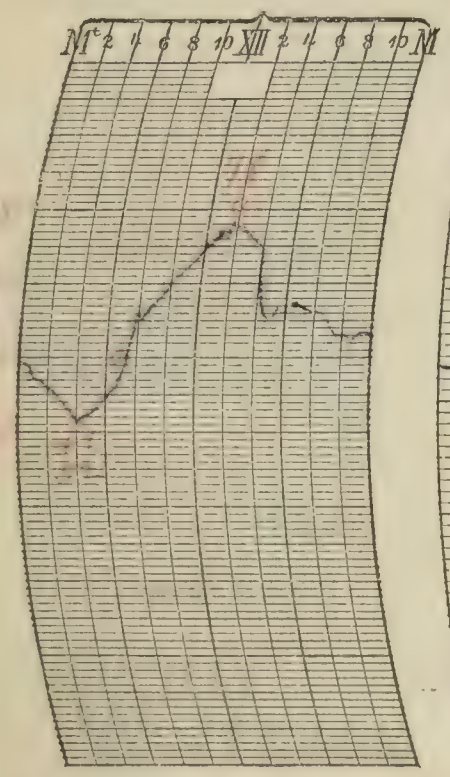
Maximum velocity,	Direction,	Time.
23	NW	4:06 pm

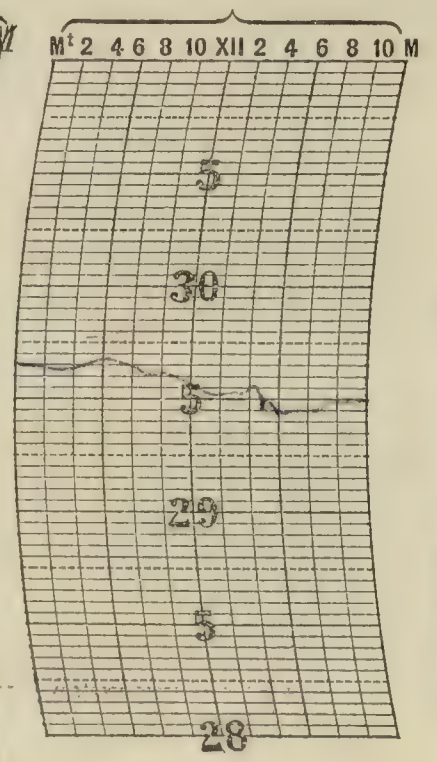
Extreme vel., 23 - NW - 4:06 pm

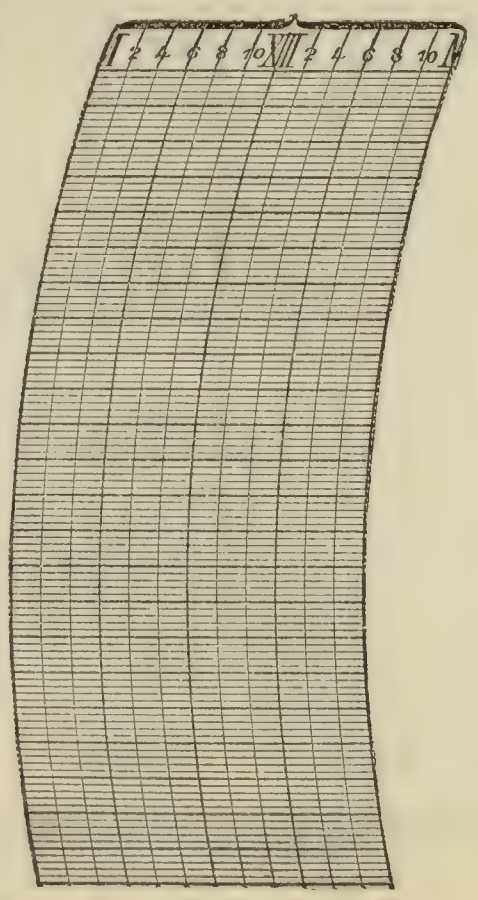
Relative humidity, 82 a. m. p. m.

Reduced barometer, 30.19 a. m. p. m.

River gage, 16.9 falling







NOTES.

Prepared by S. P. P.
Verified by S. P. P.

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE ILL., (Day of week) Thursday, (Date) JUN 6 1912, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	60	58	57	57	58	60	64	66	67	69	69
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear										Clear	
Sunrise: Time, 4:24 Character, Clear												
Sunshine (in tenths of hours)					0	0.3	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	W	W	W	W	NW	NW	NW	N	NW	NW	NW	NW
Wind movement	5	6	6	6	5	4	7	7	11	12	13	
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	70	69	71	70	68	67	62	59	57	55	
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, 7:25 Character, Clear												
Sunshine (in tenths of hours)	1.0	1.0	0.8	0.9	1.0	0.8	0.3	0				
Wind direction	NW	NW	NW	NW	NW	N	N	N	N	N	N	N
Wind movement	13	13	13	14	14	11	8	5	4	4	6	6
Maximum velocities (exceeding 25 miles) direction and time												

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
72	55	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10)

Actual sunshine, hours, 14.5

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 97

Prevailing direction Northwest

Total movement, 205

Average hourly velocity, 8.5

Maximum. velocity.	Direction.	Time
18	NW	4:42 p.m.
19	NW	4:43 p.m.

Relative humidity, 76 a. m. p. m.

Reduced barometer, a. m. p. m.

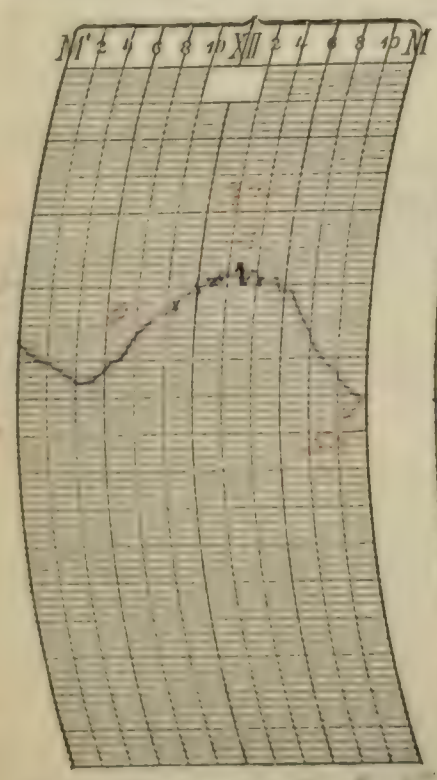
River gage, 16.2 [illegible]

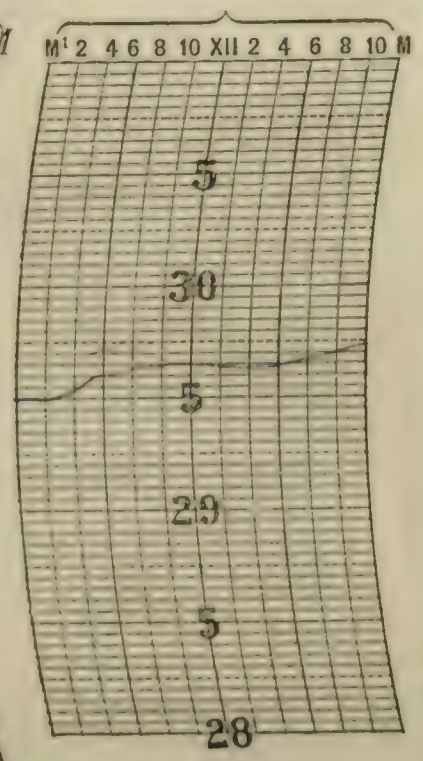
Excessive precipitation, accumulated amounts.

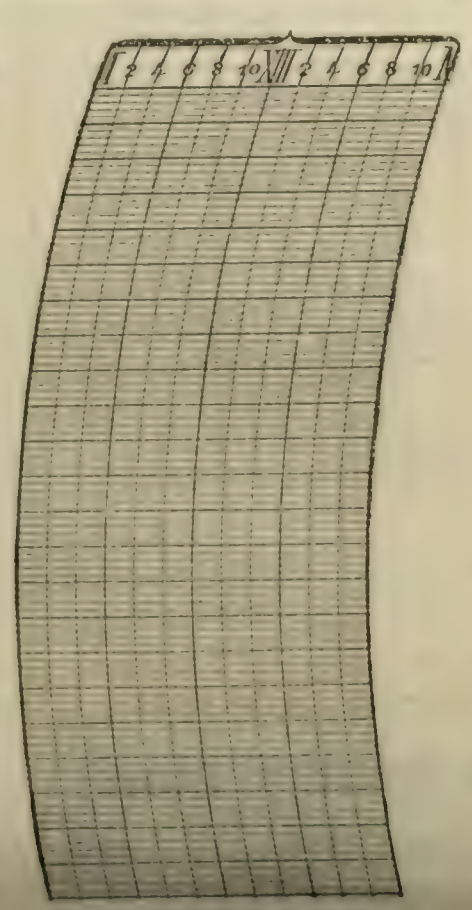
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

NOTES.







Prepared by [illegible]

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) JUN 7 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	51	52	49	48	51	54	57	59	61	61	62
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		Moon visible						Clear				
Sunshine (in tenths of hours)					.60 0	1.0 0	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	N	N	N	N	N	N	N	NE	NE	NE	NE	NE
Wind movement	5	6	6	5	4	7	9	10	13	14	13	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	63	64	63	63	61	60	56	54	52	51	48
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	1.0 0	.42 0				
Wind direction	NE	NE	NE	NE	NE	NE	E	NE	NE	NE	NE	NE
Wind movement	9	10	10	11	12	12	8	6	6	4	2	1

Sunrise: Time, 4:24 Character, Clear

Sunset: Time, 7:25 Character, Clear

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
64	48	55	60

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, ☾ 8:36 pm

Average daily cloudiness (0-10) fair.

Actual sunshine, hours, 15.0

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 100

Prevailing direction Northeast

Total movement, 193

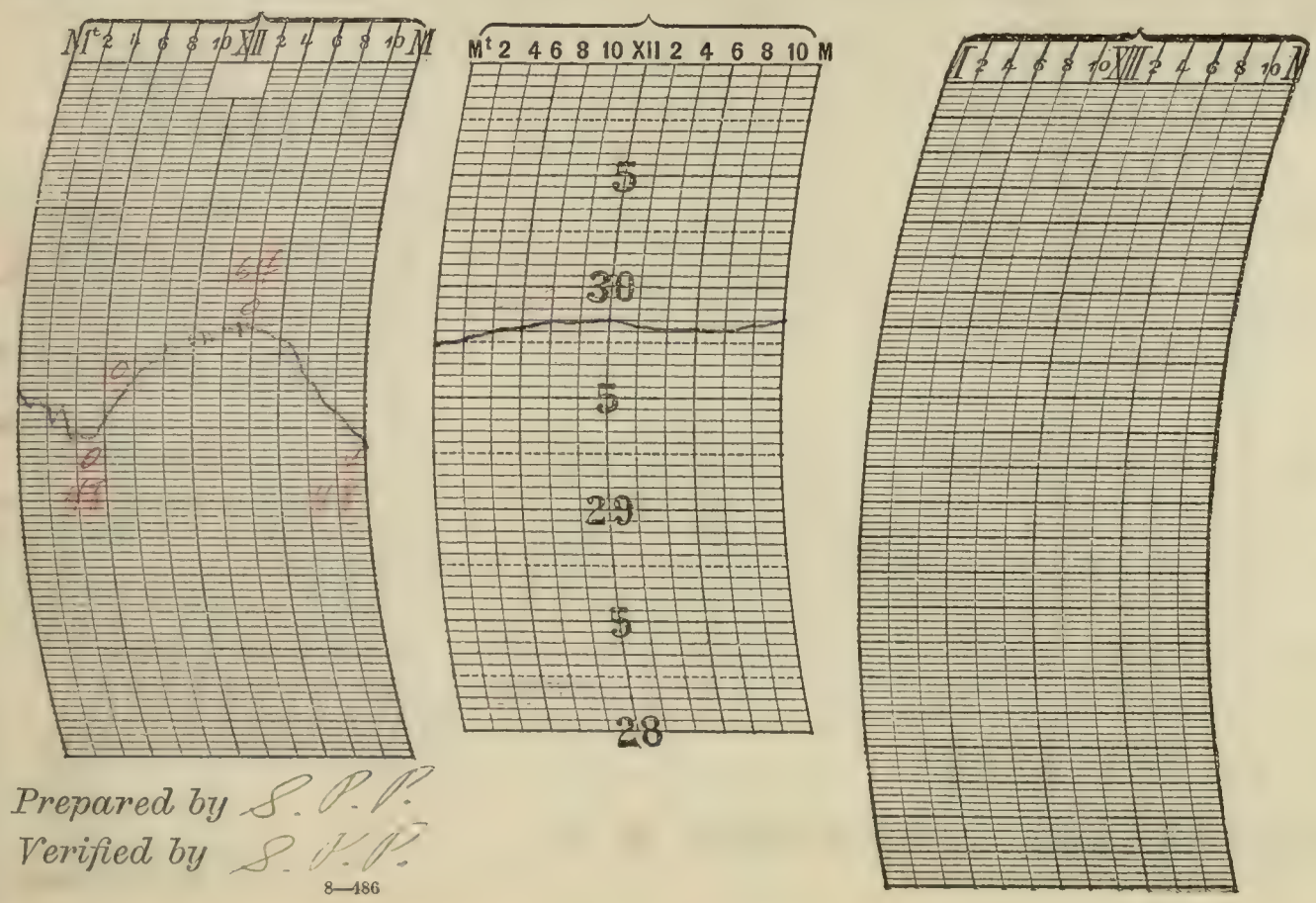
Average hourly velocity, 8.0

Maximum velocity,	Direction,	Time.
17	NE	10:04 am
Extreme vel., 18-E		9:30 am

Relative humidity, 73 a. m. ____ p. m.

Reduced barometer, 30.37 a. m. ____ p. m.

River gage, 16.5, falling



NOTES.

Prepared by S. P. V.

Verified by S. V. V.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) JUN 8 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	45	44	42	41	43	49	52	58	[illegible]	65	67
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear						Clear					
Sunrise: Time, Character,	4:24 Clear											
Sunshine (in tenths of hours)					.60 0	.08 0	.04 0.3	0.4	0.9	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	0	NE	NE	E	E	SE	E	E
Wind movement	1	1	1	1	0	1	2	4	4	6	7	1
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	68	69	70	70	69	69	65	63	60	57	[illegible]
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, Character,									7:26 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.1 0.9	1.0 0	.43 0				
Wind direction	E	E	E	E	E	SE	SE	SE	E	E	E	E
Wind movement	10	9	9	7	6	5	4	2	4	4	3	3
Maximum velocities (exceeding 25 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
71	41	56	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase.

Average daily cloudiness (0-10) 1

Actual sunshine, hours, 13.8

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 92

Prevailing direction SE

Total movement, 102

Average hourly velocity, 4.2

Maximum. velocity,	Direction,	Time.
13	SE	1:13 pm

Extreme vel., 13 — SE — 1:13 pm

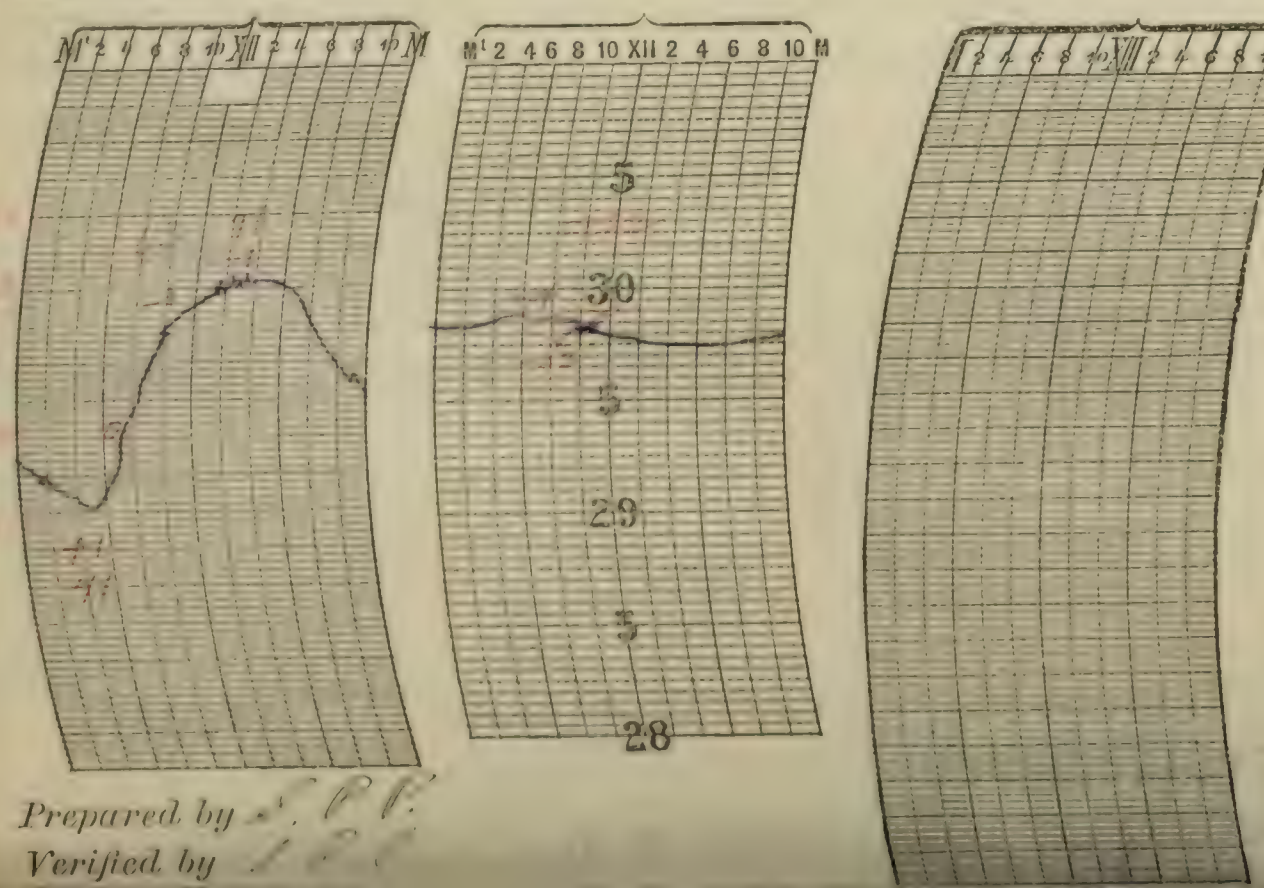
Relative humidity, 74 a. m. p. m.

Reduced barometer, 30.43 a. m. p. m.

River gage, 16.2, falling

NOTES.

Mr. Chas. Telton, on R. F. D. no. 22, reported to the observer that 5 farmers in his neighborhood had informed him that they observed frost this morning.



Prepared by [illegible]

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) JUN 9 1912, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	52	51	49	48	47	51	57	64	69	71	73	75
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Moon visible			Clear						
Sunshine (in tenths of hours)					.62 0	1.0 0	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	1	1	1	1	2	4	3	6	6	12	11	13
Maximum velocities (exceeding 25 miles) direction and time												

Sunrise: Time, 4:23; Character, Clear

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	75	76	75	75	75	74	71	67	65	63	59	57
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		Fog	Cloudy				Part Cl.			Clear		
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.6	0.3	0.4 0.1	1.0 0	.45 0				
Wind direction	E	SE	SE	SE	SE	SE	SE	E	E	E	E	NE
Wind movement	12	10	9	8	9	8	4	4	5	7	6	5
Maximum velocities (exceeding 25 miles) direction and time												

Sunset: Time, 7:27; Character, Clear

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
77	47	62	65

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 3

Actual sunshine, hours, 13.5

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 89

Prevailing direction East

Total movement, 148

Average hourly velocity, 6.2

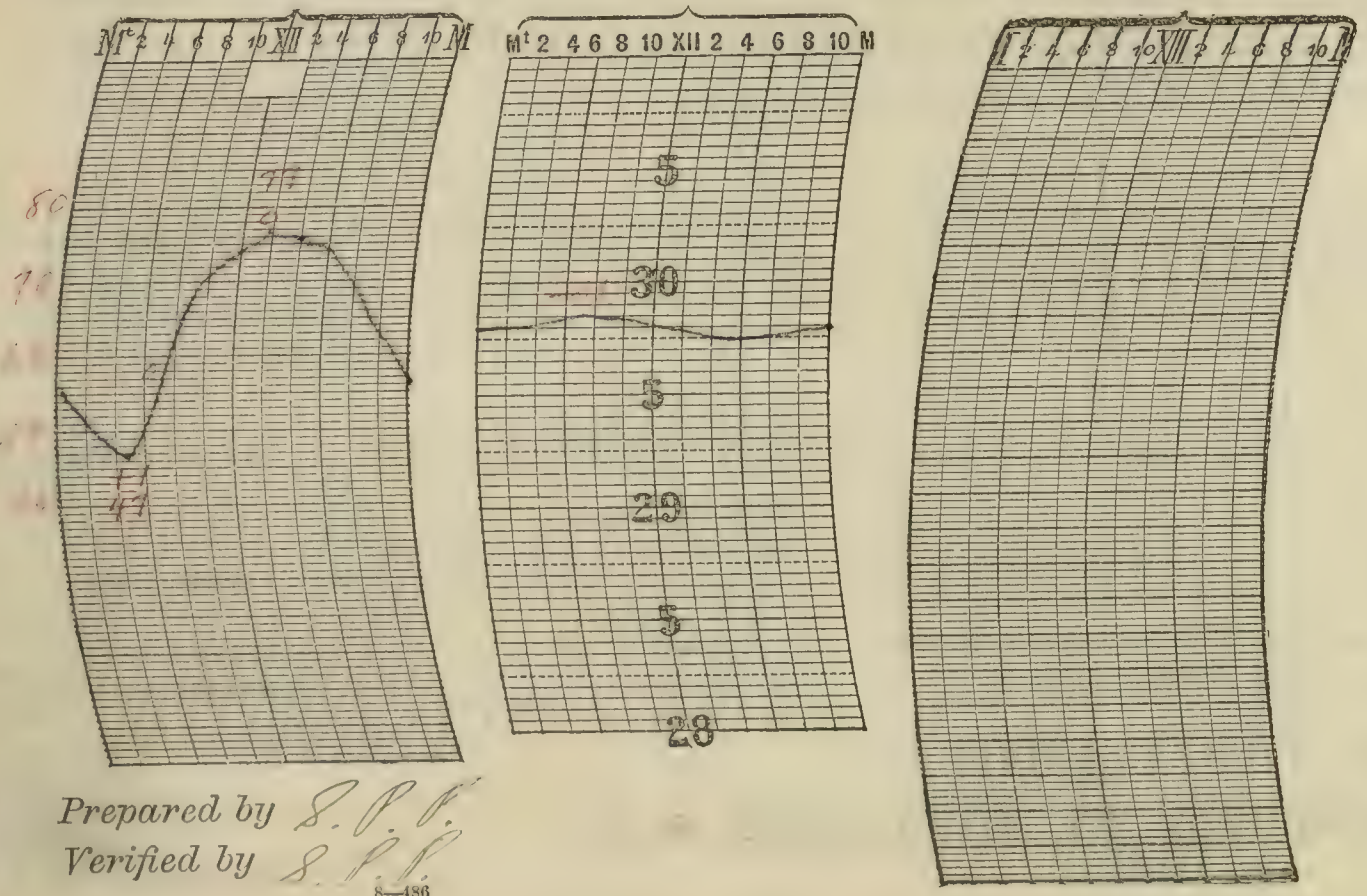
Maximum velocity,	Direction,	Time.
15	E	11:42 a.m.
16	E	11:18 a.m.

Relative humidity, 69 a. m. ____ p. m.

Reduced barometer, 30.41 a. m. ____ p. m.

River gage, 16.0, falling

NOTES.



Prepared by S. P. O.
Verified by S. P. O.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Monday, (Date) JUN 10 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	53	52	51	49	53	61	67	71	74	75	78
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		Hazy					Clear					
Sunshine (in tenths of hours)					.62 0	1.0 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	E	E	SE	SE	SE	S	SE
Wind movement	4	6	3	4	5	6	7	10	12	13	12	10

Sunrise: Time, 4:23; Character, Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	80	81	82	82	81	80	78	73	70	70	66	64
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				PC			Clear					
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	1.0 0	.45 0				
Wind direction	SE	S	S	S	S	S	S	S	SE	SE	SE	SE
Wind movement	9	9	10	7	8	7	5	2	2	3	2	1

Sunset: Time, 7:27; Character, Clear

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	82	49	66	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear. Moon phase,

Average daily cloudiness (0-10), 1

Actual sunshine, hours, 15.1

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 100

Prevailing direction, Southeast

Total movement, 157

Average hourly velocity, 6.5

	Maximum velocity,	Direction,	Time.
	15	SE	9:23 a.m.
Extreme vel.	16	SE	9:23 a.m.

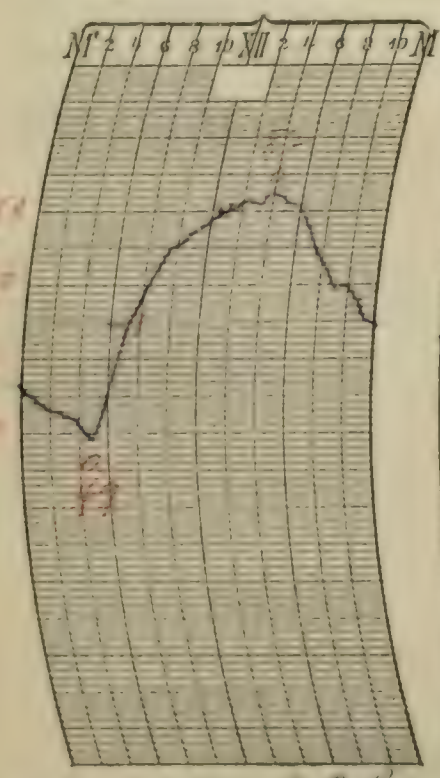
Relative humidity, 55 a. m. p. m.

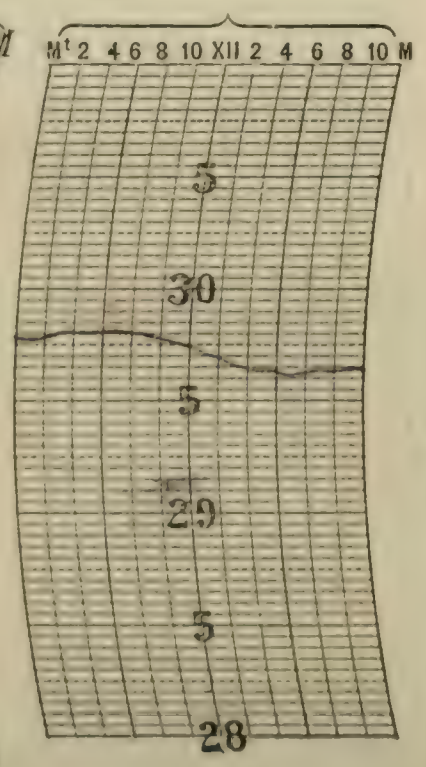
Reduced barometer, 30.38 a. m. p. m.

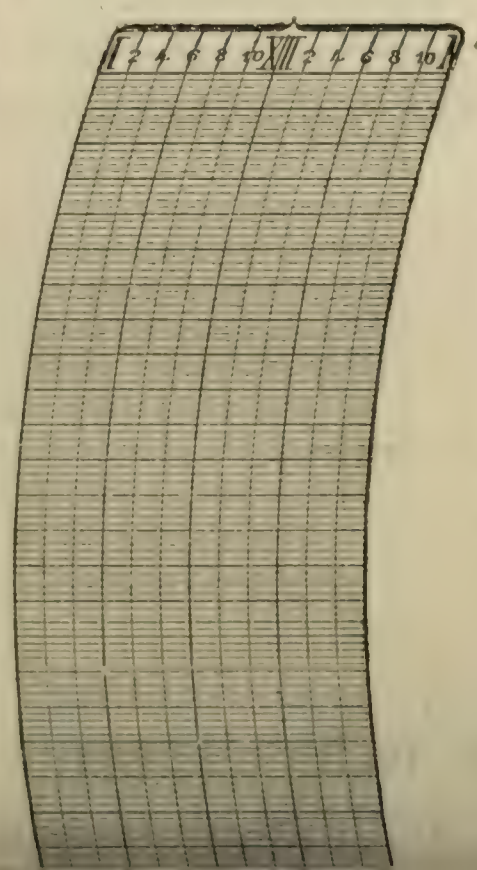
River gage, 15.8, falling

NOTES.

A solar halo was observed at 3:00 p.m.







Prepared by [illegible]

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) JUN 11 1912, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	64	63	63	63	64	65	70	75	76	78	80
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy						Partly cloudy	
Sunrise: Time, Character,	4:23 Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0.3	0.3	0.6	0.7
Wind direction	SE	SW	SE	SE	SE	SE	S	SW	SW	SW	SW	SW
Wind movement	2	4	3	1	2	2	2	5	6	7	10	10
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	81	82	84	84	83	82	78	75	73	73	72	71
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear						
Sunset: Time, Character,									7:28 Clear			
Sunshine (in tenths of hours)	1.0	1.0	0.8	1.0	1.0	0.7	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	13	13	13	16	15	13	11	6	5	7	9	8
Maximum velocities (exceeding 25 miles) direction and time												

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
84	63	74	67

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Partly Cloudy Moon phase,

Average daily cloudiness (0-10) 5

Actual sunshine, hours, 10.1

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 67

Prevailing direction Southwest

Total movement, 183

Average hourly velocity, 7.6

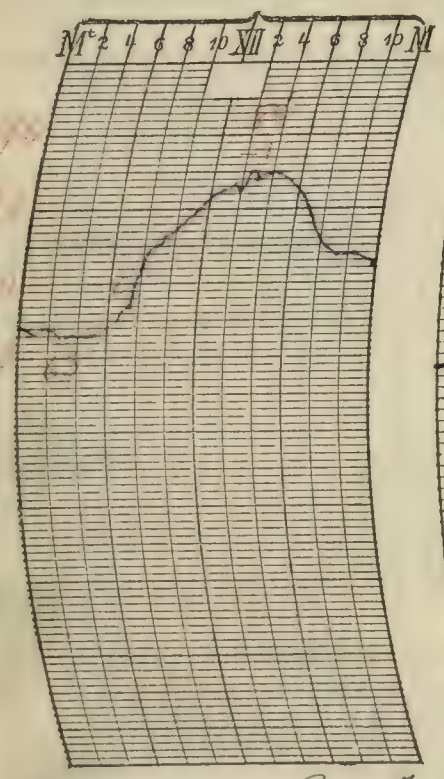
	Maximum velocity,	Direction,	Time.
	19	SW	3:49 pm
Extreme vel.,	20	SW	3:50 pm

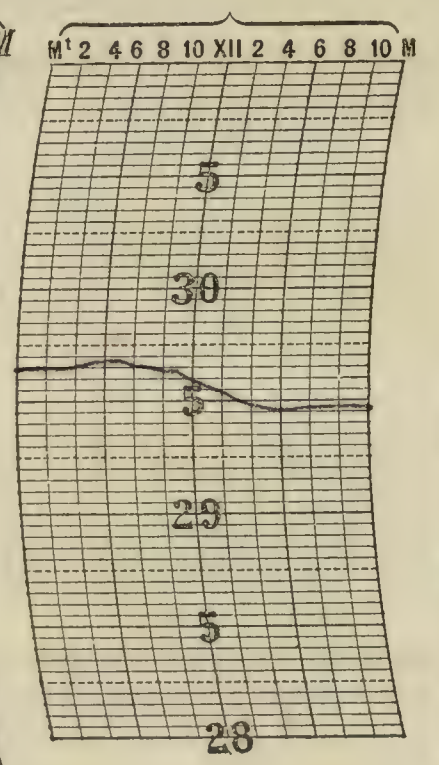
Relative humidity, 70 a. m. ____ p. m.

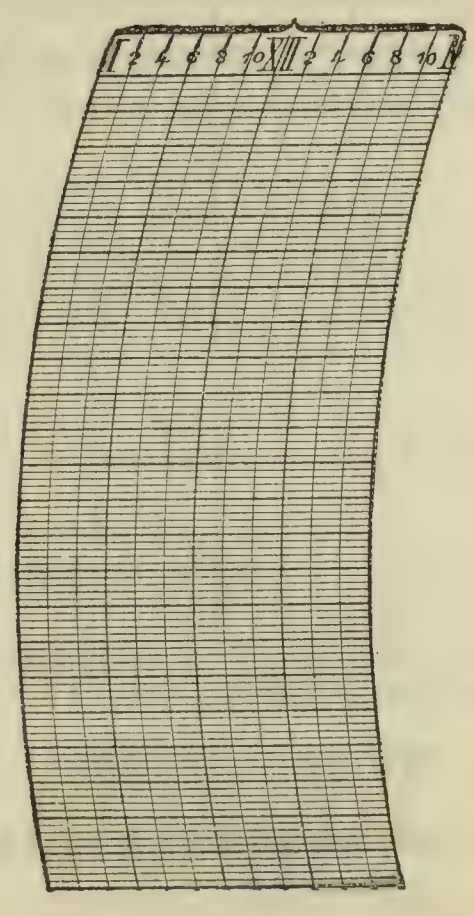
Reduced barometer, 30.23 a. m. ____ p. m.

River gage, 15.7, falling.

NOTES.







Prepared by S. P. S.
Verified by S. P. S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) JUN 1 2 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	68	67	68	68	68	69	72	75	77	71	72
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Partly cloudy						
Sunshine (in tenths of hours)	Sunrise: Time, 4:23 Character, Clear				.62 0	.5 0	.5 0	0.4	0.8	1.0	0.7	1.0
Wind direction	SW	SW	SW	W	W	W	W	NW	NE	NE	NE	NE
Wind movement	8	6	4	3	3	4	3	5	7	6	14	13

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	73	74	73	72	69	66	62	59	57	55	55
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.6 0.4	1.0 0	.47 0	Sunset: Time, 7:28 Character, Clear			
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	NE
Wind movement	13	13	13	13	13	13	11	10	9	10	8	9

Maximum velocity (exceeding ..... miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
78	55	66	67

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 13.3

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 88

Prevailing direction Northeast

Total movement, 211

Average hourly velocity, 8.8

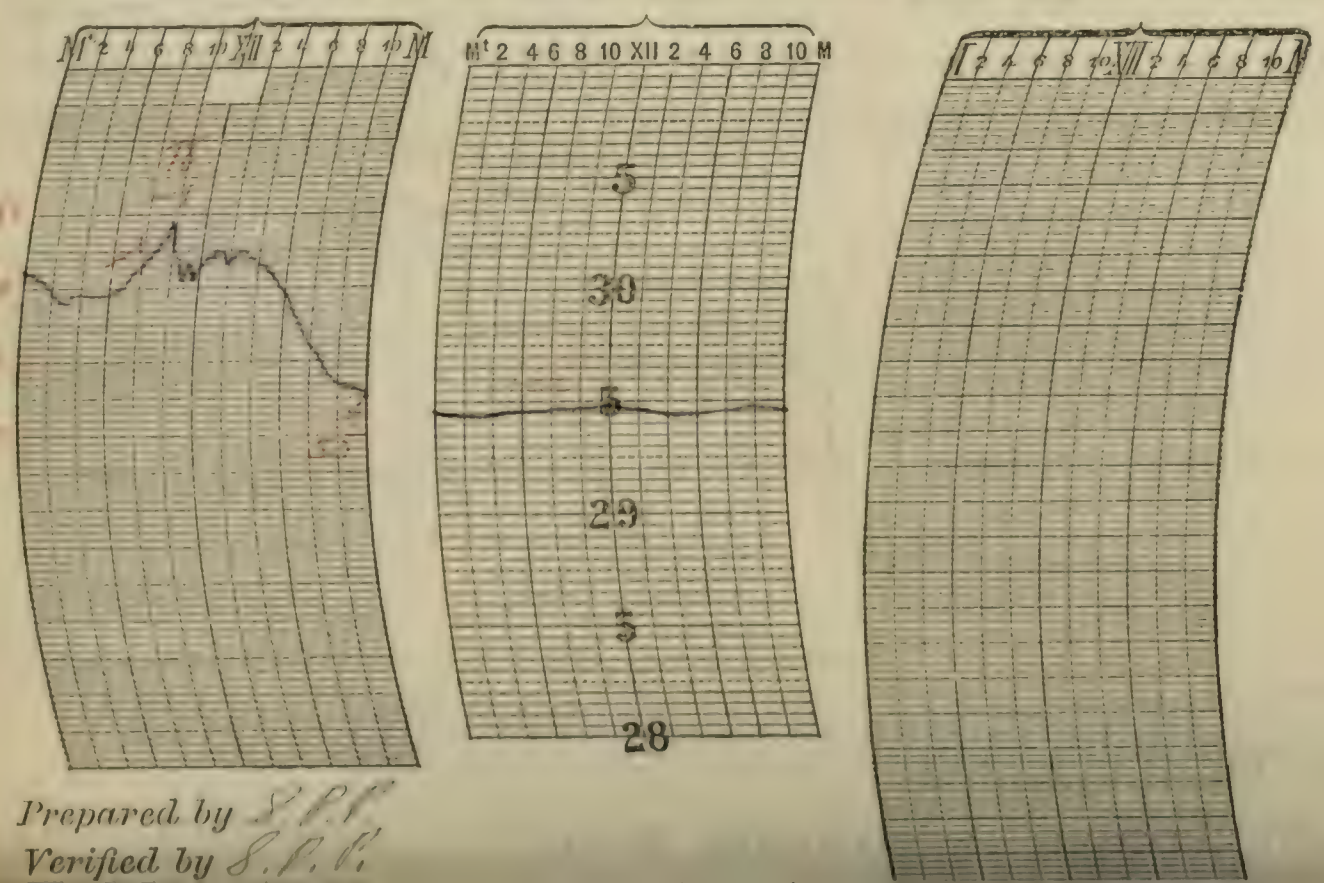
Maximum velocity,	Direction,	Time.
16	E	11:43 am
Extreme vel., 17	NE	3:35 pm

Relative humidity, 70 a. m. ..... p. m.

Reduced barometer, 30.05 a. m. ..... p. m.

River gage, 15.5, falling

NOTES.



Prepared by S. P. C.

Verified by S. P. C.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) JUN 13 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	56	56	56	56	57	55 (+1) RB 6:23	59 RE 7:08	61	69	71	75	77	78 (-2)	77	76	73	69	67	67	64 RB 8:40	62	63	63
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation							.06	.01													.13	.20	.10	T
Cloudiness and other conditions										Cloudy														
Sunrise: Time, 4:22 Character, Cloudy																					Sunset: Time, 7:29 Character, Cloudy			
Sunshine (in tenths of hours)					0	0	0	0	0.2	1.0	0.8	1.0	1.0	1.0	0.1	0.1	0	0	0	0				
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	E	E	E	E	NE	NE	NE	E	E	E	E
Wind movement	7	8	8	8	7	8	7	7	9	10	11	11	12	14	13	15	15	15	16	12	7	10	12	9
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
79	55	67	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .05 ins.; to 7 p. m., .02 ins.

Total precipitation, midnight to midnight, .50 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 9

Actual sunshine, hours, 5.2

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 34

Prevailing direction Northeast and East

Total movement, 251

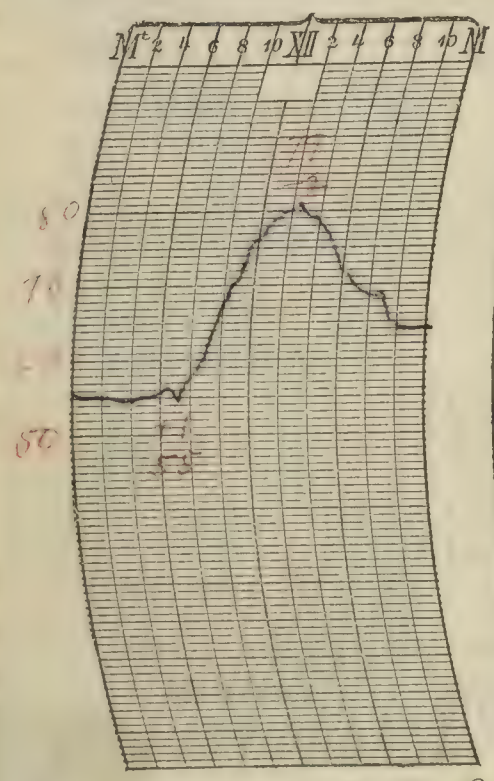
Average hourly velocity, 10.5

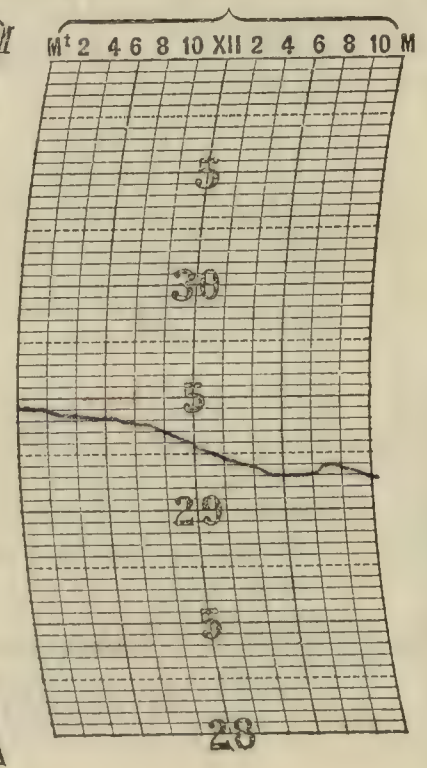
	Maximum velocity,	Direction,	Time.
Extreme vel.,	19	E	4:25 pm
	20	E	4:27 pm

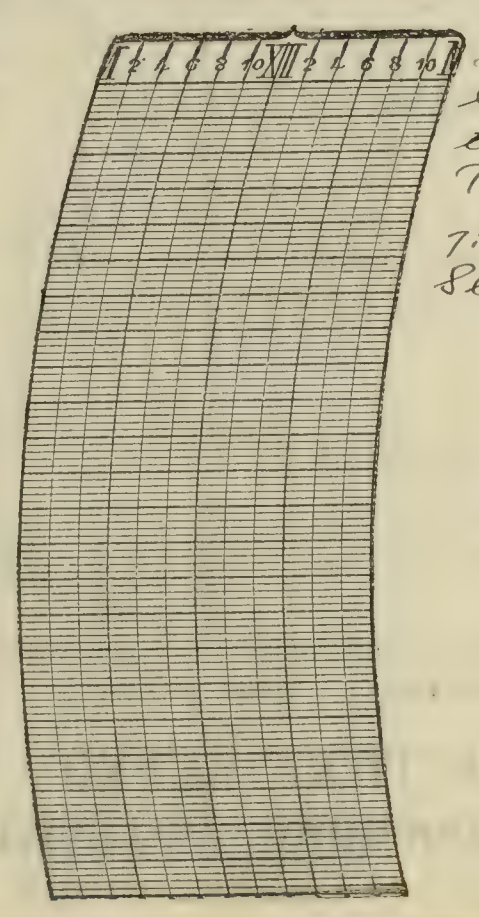
Relative humidity, 84 a. m. p. m.

Reduced barometer, 29.95 a. m. p. m.

River gage, 15.2, falling







NOTES.

Thunderstorm: First thunder heard at 6:32 am; last heard at 6:32 am. Storm came from the southwest.

Thunderstorm; First thunder heard at 7:35 pm; continued into following day. Storm came from the southwest.

Prepared by S. P. S.

Verified by S. P. S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) JUN 14 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	61	60	59	61	60	60 (1)	60	61	65	71	72
	RE DUa						RB 6:05 RE 6:15		RB 5:57	RE 9:10		RB 11:45
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	.01	.24	.04	.01			T		T	T		.12
Cloudiness and other conditions				Cloudy								
Sunrise: Time, 4:23 Character, Cloudy												
Sunshine (in tenths of hours)					0	0	0	0	0	0	0.5	0.4
Wind direction	E	E	E	E	E	E	SE	E	SE	E	E	E
Wind movement	8	11	11	10	8	10	9	8	6	4	5	5
Maximum velocity (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	77	78	79 (-1)	75	76	70	69	69	67	66	66
	RE 12:35						RB 6:15 RE 6:20			RB 9:30		
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	.33						T			.03	.34	.04
Cloudiness and other conditions				Partly cloudy								
Sunset: Time, 7:29 Character, Cloudy												
Sunshine (in tenths of hours)	0.4	0.8	1.0	0.5	0	0	0	0				
Wind direction	SW	SW	SW	S	S	SW	N	E	NE	E	E	W
Wind movement	5	4	10	8	7	6	5	4	7	8	6	3

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
79	59	69	70

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .73 ins.; to 7 p. m., .45 ins.

Total precipitation, midnight to midnight, 1.16 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 9

Actual sunshine, hours, 3.9

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 26

Prevailing direction East

Total movement, 168

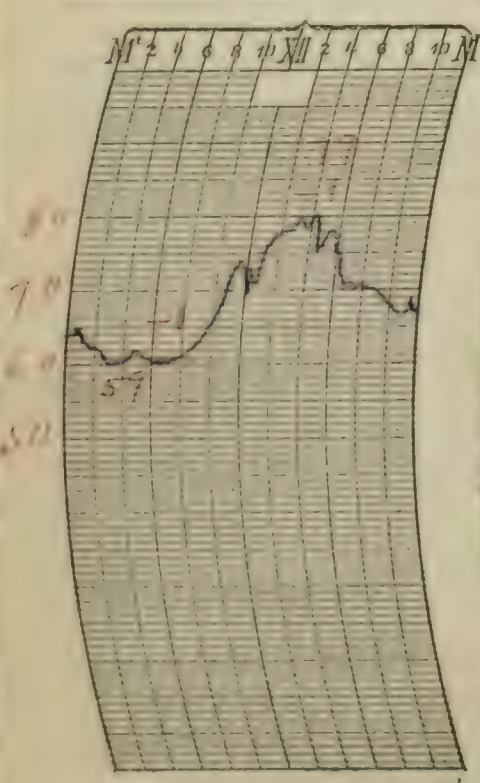
Average hourly velocity, 7.0

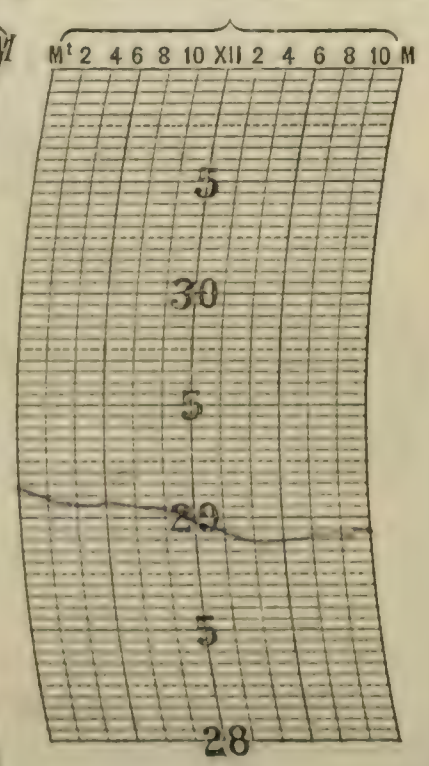
Maximum velocity,	Direction.	Time
14	E	1:55 a.m.
Extreme velocity, 14	E	1:55 a.m.

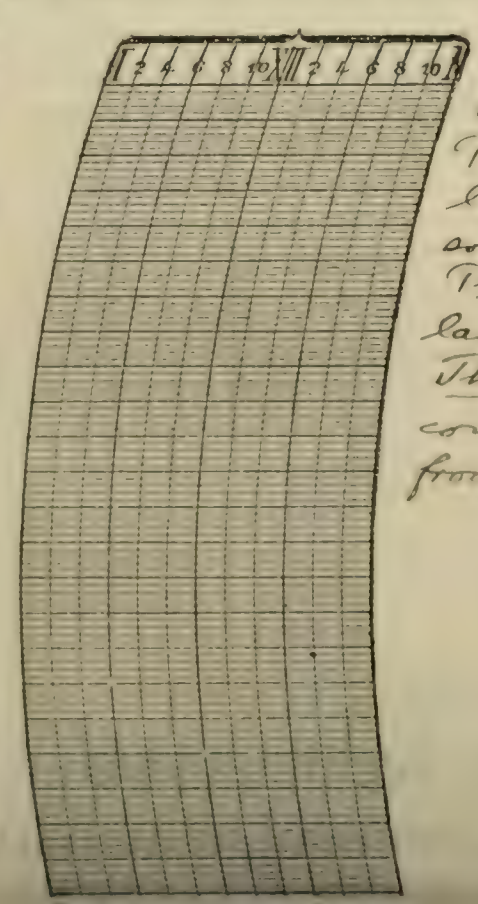
Relative humidity, 86 a. m. p. m.

Reduced barometer, 29.62 a. m. p. m.

River gage, 15.2, One stand.







NOTES.

Thunderstorm: Began preceding day; last thunder heard DUa. Storm came from the southwest.

Thunderstorm: First thunder heard at 11:55 a.m., last heard 1:43 p.m.; storm came from the southwest.

Thunderstorm: First thunder heard at 3:50 p.m.; last heard at 6:40 p.m. Storm came from the S.W.

Thunderstorm: First thunder heard at 8:00 p.m.; continued into following day. Storm came from the S.W.

Prepared by S. P. P.

Verified by S. P. P.

B—480

Form No. 1014—Met. I.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) JUN 15 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	65	65	65	64	63	66	71	74	74	77	80
State of weather: Nature of precipitation and time of beginning and ending	RE	DHa										
Amounts of precipitation	T											
Cloudiness and other conditions					Clear			Cloudy				
Sunshine (in tenths of hours)					.62 0	1.0 0	0.3 0.7	0.7	0.8	0.3	0.8	1.0
Wind direction	NE	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	3	3	5	5	4	4	7	11	13	12	11	11

Sunrise: Time, 4:23; Character, Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	82	83	84	84	85	82	80	77	76	75	75	73
State of weather: Nature of precipitation and time of beginning and ending								RB 7:50	RE 8:05			
Amounts of precipitation								T	T			
Cloudiness and other conditions			Pt Cldy	Clear			Pt Cldy					
Sunshine (in tenths of hours)	0.7	0.8	1.0	1.0	1.0	0.2	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	N
Wind movement	11	15	19	18	16	16	11	6	5	5	7	4

Sunset: Time, 7:29; Character, Cloudy

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum.	85
Minimum.	63
Mean.	74
Normal.	70

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .41 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cldy Moon phase, 12:24

Average daily cloudiness (0-10) 5

Actual sunshine, hours, 10.9

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 72

Prevailing direction Southwest

Total movement, 222

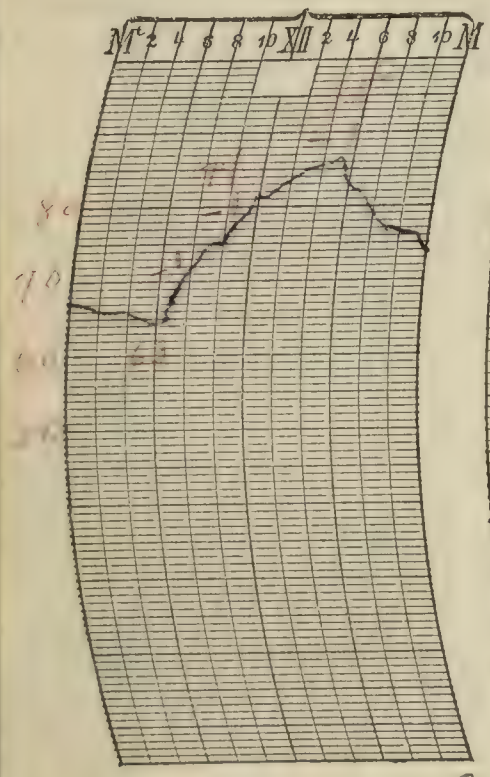
Average hourly velocity, 9.2

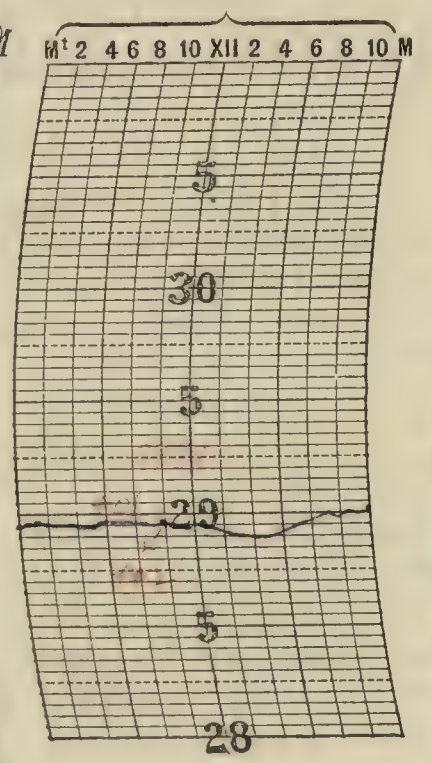
Maximum velocity,	Direction,	Time.
22	SW	2:09 pm
Extreme Vel., 23	SW	3:36 pm

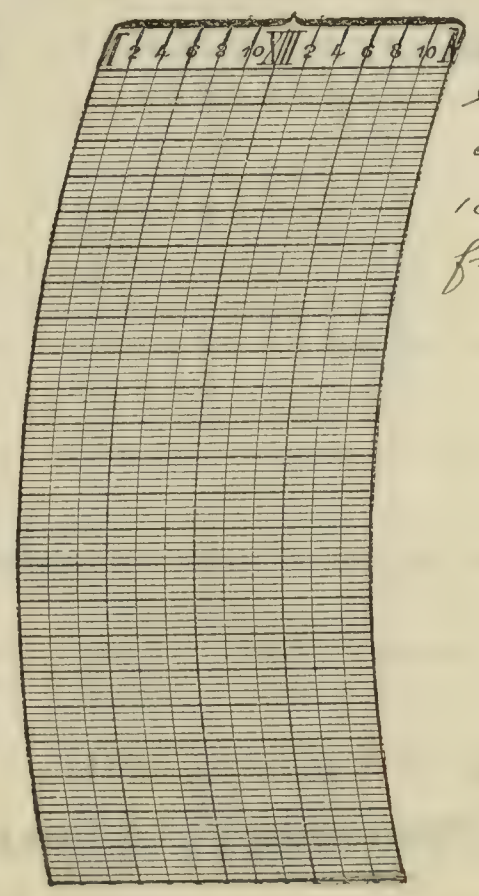
Relative humidity, 87 a. m. p. m.

Reduced barometer, 29.53 a. m. p. m.

River gage, 15.6, rising.







NOTES.

Thunderstorm: First heard preceding day; last heard DHa; storm came from S.W.

Thunderstorm: First thunder heard at 10:30 pm; last heard at 11:00 pm. Storm came from S.W.

Prepared by S. P. P.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) JUN 16 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	70	70	70	69	70	70	72	74	76	77	78	78	78 (-1)	78	77	76	74	71	69	68	66	65	63
State of weather: Nature of precipitation and time of beginning and ending			D Ua																					
			E Ua																					
Amounts of precipitation		.40																						
Cloudiness and other conditions						Cloudy					Clear								Cloudy			Clear		
Sunrise: Time, Character	4:23 Cloudy																				Sunset: Time, Character	7:30 Clear		
Sunshine (in tenths of hours)					0	0	0	0	0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0	0				
Wind direction	SW	W	W	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	4	4	2	3	3	3	2	4	4	7	8	7	10	10	9	9	8	7	6	6	3	5	4	4
Maximum velocity (exceeding 25 miles) direction and time																								

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts	D Ua	D Ua	.40	1:14a	1:25a	.01	.17	.33	.34											

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
80	63	72	70

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .40 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .40 inches.

Character of day, Partly cloudy

Average daily cloudiness (0-10) 4

Actual sunshine, hours, 10.0

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 66

Prevailing direction Northwest

Total movement, 134

Average hourly velocity, 5.6

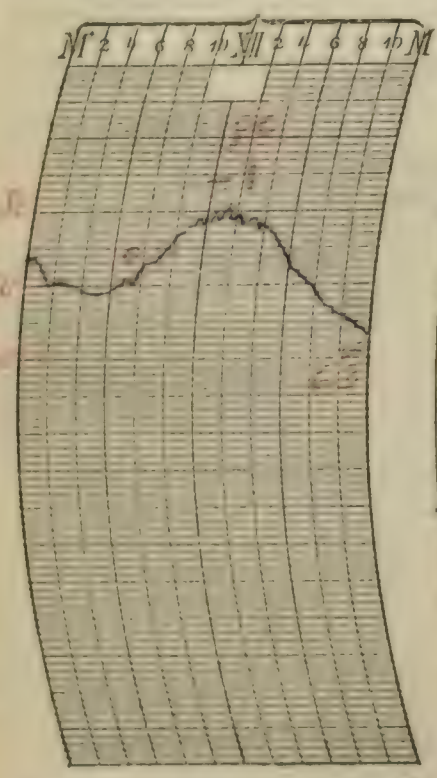
	Maximum velocity,	Direction,	Time.
	12	W	12:15 pm
Extreme vel.	12	W	12:15 pm

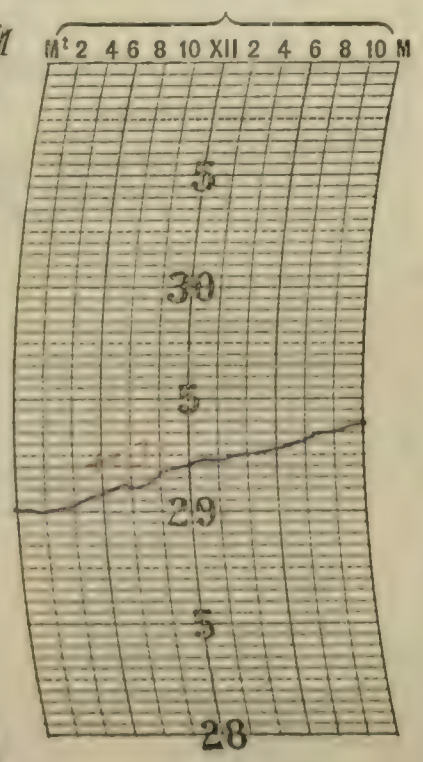
Relative humidity, 86 a. m. p. m.

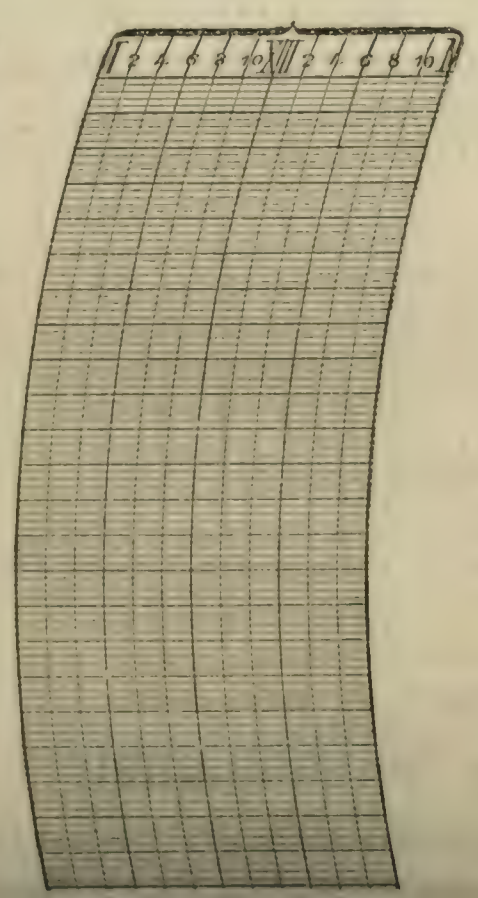
Reduced barometer, 29.68 a. m. p. m.

River gage, 15.9

NOTES.







Prepared by S. P. C.
Verified by S. P. C.

Form No. 1011—Met. I.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Monday, (Date) JUN 17 1912, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	61	60	58	57	+1 56	56	0 57	58	60	63	64	65	66	68	70	0 69	70	68	66	65	62	62	62	59
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																				Verge. visible at intervals				
Cloudiness and other conditions				c	Cloudy			→	Pt Cldy	→	Cloudy			→	Pt Cldy			→	Cloudy					
Sunshine (in tenths of hours)					0	0	0	0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.4 0.3	0.3 0				
Wind direction	W	W	W	W	N	W	W	W	W	W	W	W	W	N	N	N	W	W	W	W	W	W	W	N
Wind movement	3	5	5	4	8	7	5	6	6	8	8	9	8	8	9	9	8	8	5	4	3	3	5	12
Maximum velocities (exceeding 25 miles) direction and time																								

Sunrise: Time, 4:23 Character, Cloudy

Sunset: Time, 7:30 Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
70	56	63	71

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 9

Actual sunshine, hours, 10.0

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 66

Prevailing direction Northwest

Total movement, 156

Average hourly velocity, 6.5

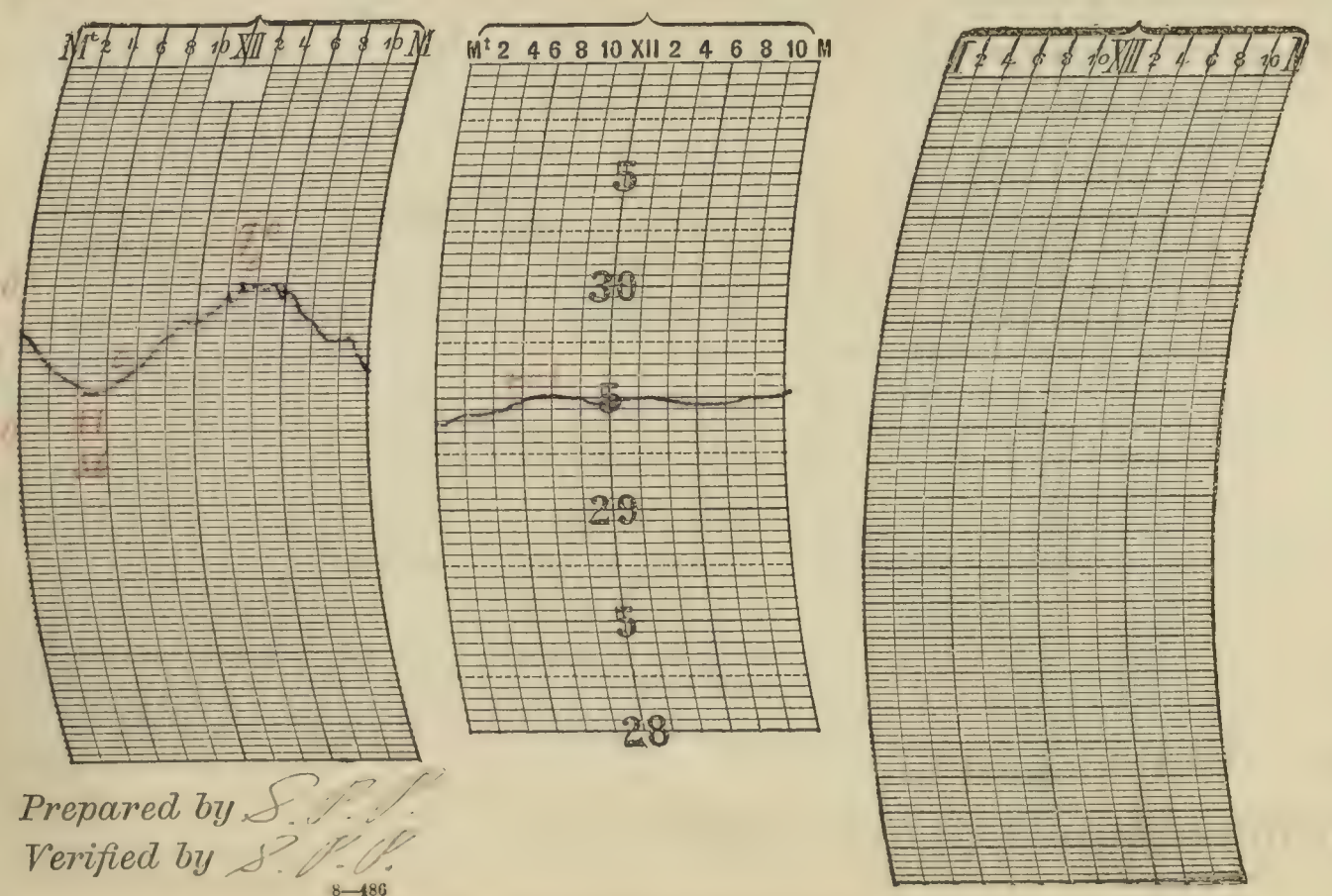
	Maximum velocity,	Direction,	Time.
Extreme wind	15	N	11:22 pm
	15	N	11:22 pm

Relative humidity, 72 a. m. p. m.

Reduced barometer, 30.08 a. m. p. m.

River gage, 15.7, 2 days

NOTES.



Prepared by S. F. S.

Verified by S. V. V.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE, ILL., (Day of week) Tuesday, (Date) JUN 18 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	57	57	57	56	56	57	59	60	61	62	63
State of weather: Nature of precipitation and time of beginning and ending			CBDu KEDu									
Amounts of precipitation		T		T								
Cloudiness and other conditions											Cloudy	
Sunshine (in tenths of hours)					0	0	0	0.1	0.6	0.9	0.8	0.7
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	8	7	7	8	7	6	7	8	10	11	8	8

Sunrise: Time, 4:23; Character, Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	63	62	64	64	63	62	62	60	60	59	58
State of weather: Nature of precipitation and time of beginning and ending			RB 2:38	RE 3:25								
Amounts of precipitation			T	T								
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0.1	0	0	0	0	0	0	0				
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	NW	NW
Wind movement	8	6	6	5	5	4	5	3	3	4	5	5

Sunset: Time, 7:30; Character, Clear

Maximum velocity (exceeding 25 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
64	56	60	71

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 3.2

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 21

Prevailing direction Northeast

Total movement, 154

Average hourly velocity, 6.4

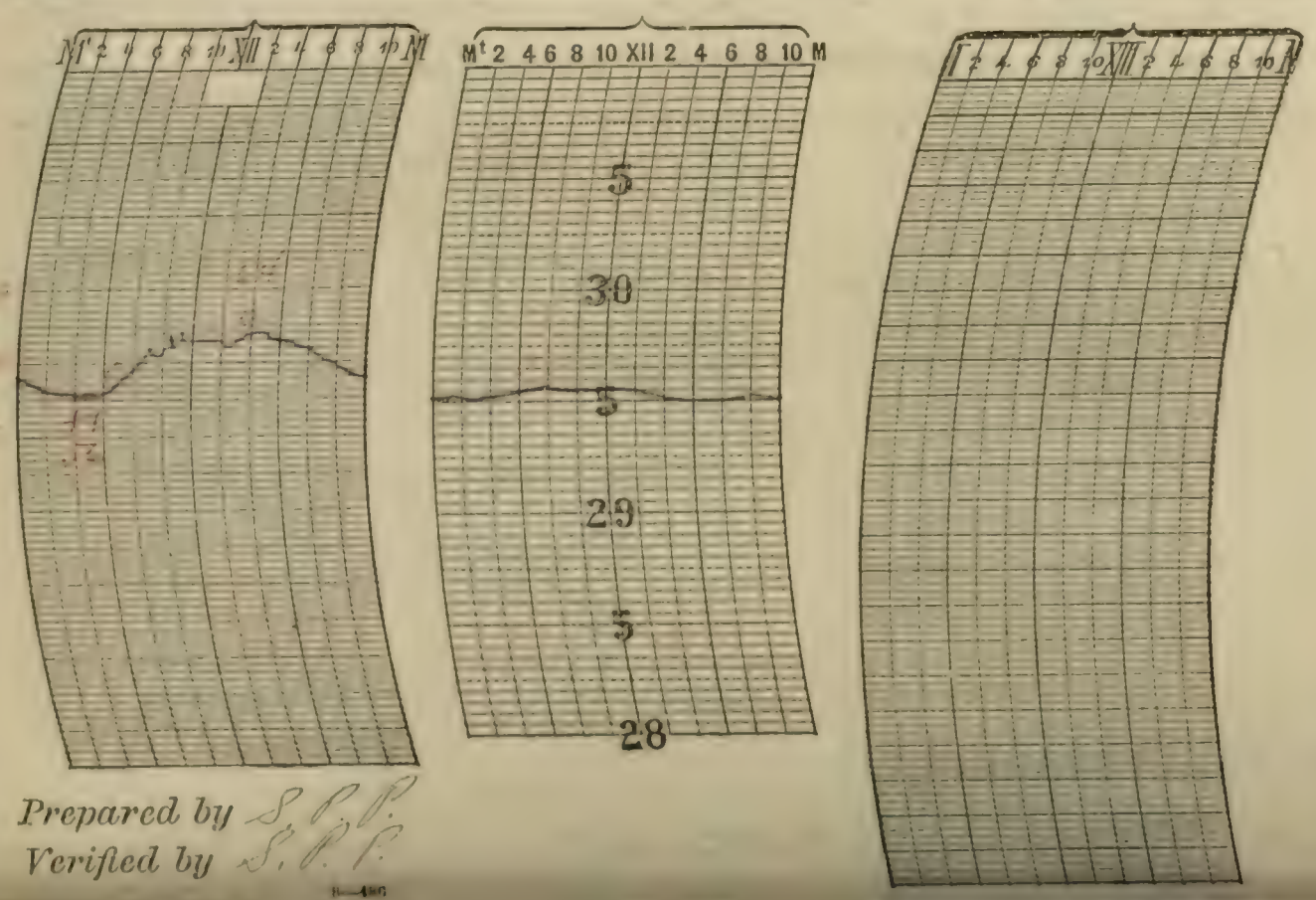
Maximum velocity,	Direction,	Time.
13	NE	9:14 am
13	NE	9:14 am

Relative humidity, 72 a. m. p. m.

Reduced barometer, 30.12 a. m. p. m.

River gage,

NOTES.



Prepared by S. P. P.
Verified by S. P. P.

B—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

LA SALLE, ILL.

(Station) _____, (Day of week) Wednesday, (Date) JUN 19 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	57	56	56	56	57	59	63	62	62	63	60	62	64	68	68	67	69	67	63	61	60	59	58
State of weather: Nature of precipitation and time of beginning and ending													RB 12:00 RE 12:25	RB 1:15 RE 1:40										
Amounts of precipitation													.01	T										
Cloudiness and other conditions								Cloudy											Heavy rain			Clear		
Sunrise: Time, 4:23 Character, Cloudy																					Sunset: Time, 7:31 Character, Clear			
Sunshine (in tenths of hours)					0	0	0.2	0.8	0.5	0.1	0.7	0.7	0.4	0.2	0.7	0.9	0.5	0.5 0	0.6 0	.52 0				
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	SW	SW
Wind movement	5	6	5	3	2	2	2	4	5	8	11	13	10	9	11	11	9	7	6	4	3	3	5	5
Maximum velocities (exceeding 20 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

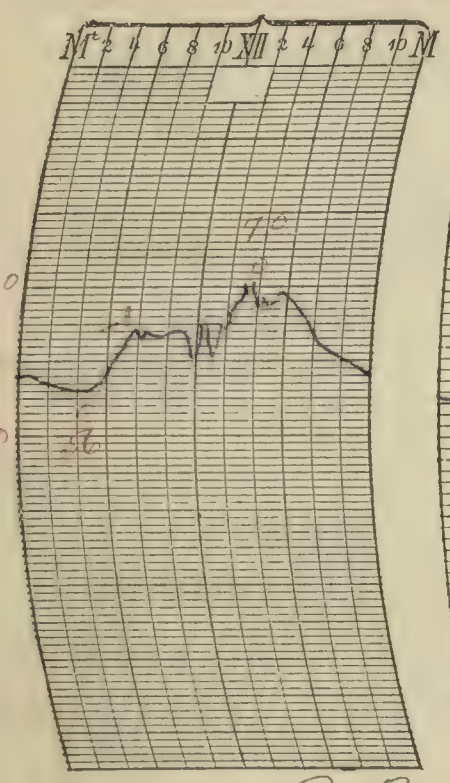
Maximum.	Minimum.	Mean.	Normal.
70	56	63	71

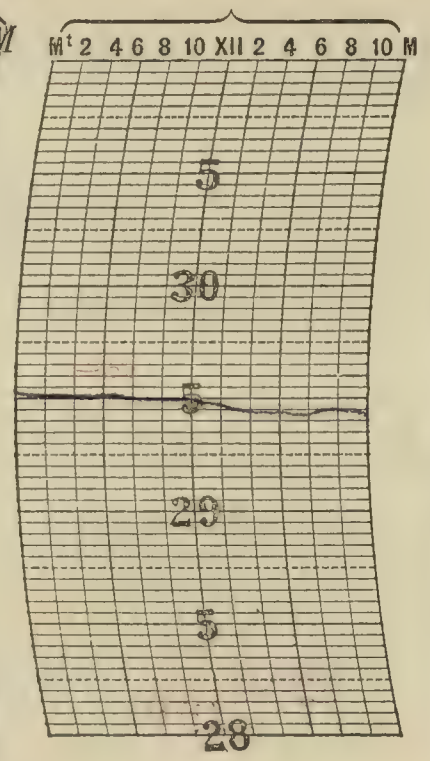
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase, _____
Average daily cloudiness (0-10) 8
Actual sunshine, hours, 7.3
Possible sunshine, hours, 15.1
Percentage of possible sunshine, 48
Prevailing direction West
Total movement, 149
Average hourly velocity, 6.2

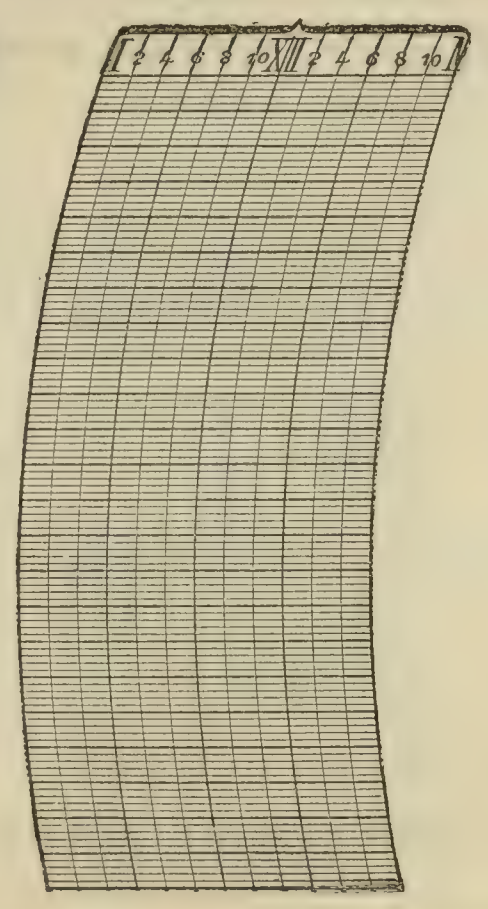
Maximum velocity,	Direction,	Time.
16	NW	11:57 am
Extreme vel., 16	NW	11:57 am

Relative humidity, 78 a. m. _____ p. m.
Reduced barometer, 30.05 a. m. _____ p. m.
River gage, 15.8, on stationary

NOTES.







Prepared by S. P. P.
Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) JUN 20 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	56	56	55	55	56	58	65	68	72	75	78
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Pt Cldy			Clear			Pt Cldy		
Sunshine (in tenths of hours)					.6 0	0.0 0	0.5 0	0.1	0.9	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W
Wind movement	6	5	5	5	3	2	4	5	7	8	10	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	80	78	66 RB 2:38	63	63	63 RE 5:10	62	62	61	62	62 RB 2 mi.	60
Nature of precipitation and time of beginning and ending												
Amounts of precipitation			.05	.04	.10	T						.01
Cloudiness and other conditions				Cloudy								
Sunshine (in tenths of hours)	0.9	0.7	0	0	0	0	0	0				
Wind direction	W	W	W	NW	W	W	W	NW	NW	W	W	W
Wind movement	11	7	11	12	7	5	2	2	1	2	2	5

Sunrise: Time, 4:24 Character, Clear

Sunset: Time, 7:31 Character, Clear

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
80	55	68	71

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .19 ins.

Total precipitation, midnight to midnight, .20 inches.

Character of day, Pt Cldy 6 Moon phase,

Average daily cloudiness (0-10)

Actual sunshine, hours, 7.3

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 48

Prevailing direction Southwest

Total movement, 139

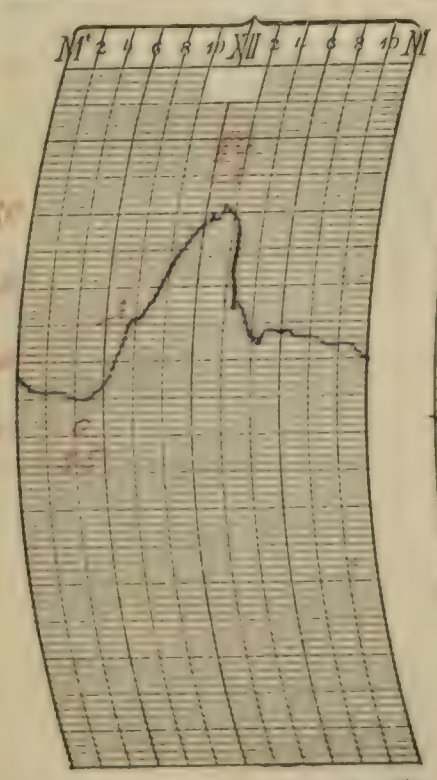
Average hourly velocity, 5.8

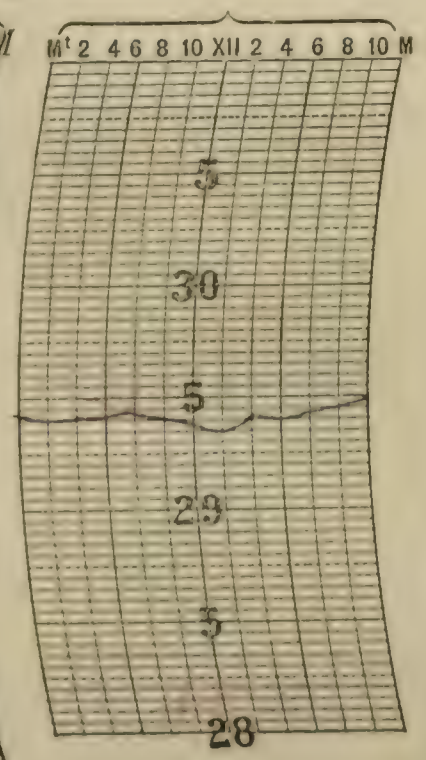
Maximum velocity,	Direction.	Time.
19	NW	2:43 a
Extreme vel. 19	NW	2:44 p

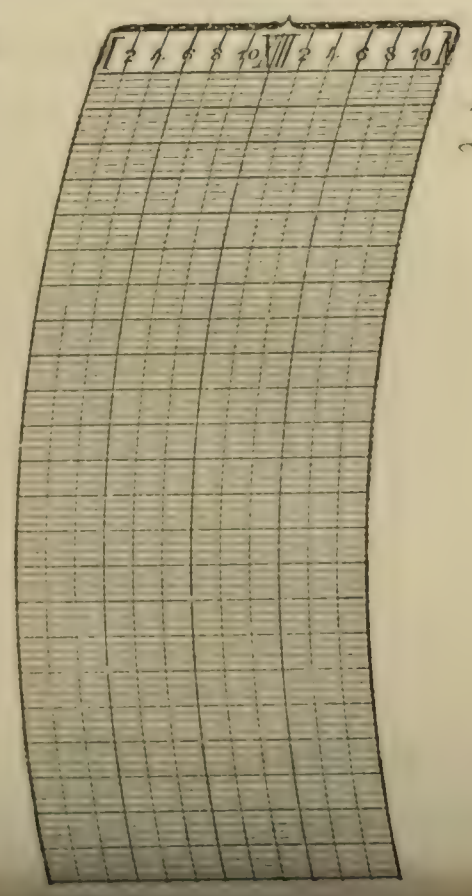
Relative humidity, 83 a. m. p. m.

Reduced barometer, 29.97 a. m. p. m.

River gage, 15.8 Overflow







NOTES.

Thunderstorm: First thunder heard at 2:35 pm; last heard at 5:15 pm. Storm came from W.

Prepared by S. P. P.

Verified by S. P. P.

Form No. 1014—Met. I.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) JUN 21 1912, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	59	58	57	55	55	57	60	63	65	67	70	71
State of weather: Nature of precipitation and time of beginning and ending		RE	D	Ha								
Amounts of precipitation			.02									
Cloudiness and other conditions											Clear	
Sunrise: Time, Character,	4:24 Clear											
Sunshine (in tenths of hours)					.6 0	1.0 0	0.7 0.3	1.0	1.0	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	6	5	5	4	4	4	5	7	8	7	10	8

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	71	72	73	73	73	72	70	68	64	61	59	58
Sunset: Time, Character,									7:31 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.3 0.7	1.0 0	.52 0				
Wind direction	NE	NE	NE	NE	NE	NE	E	E	0	0	0	E
Wind movement	7	7	8	7	7	7	5	1	0	0	0	2

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
74	55	64	72

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .03 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Clear Moon phase, ☽ 2:37 pm

Average daily cloudiness (0-10) 0

Actual sunshine, hours, 15.1

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 100

Prevailing direction Northeast

Total movement, 130

Average hourly velocity, 5.4

Maximum velocity,	Direction,	Time.
12	NE	11:03 am

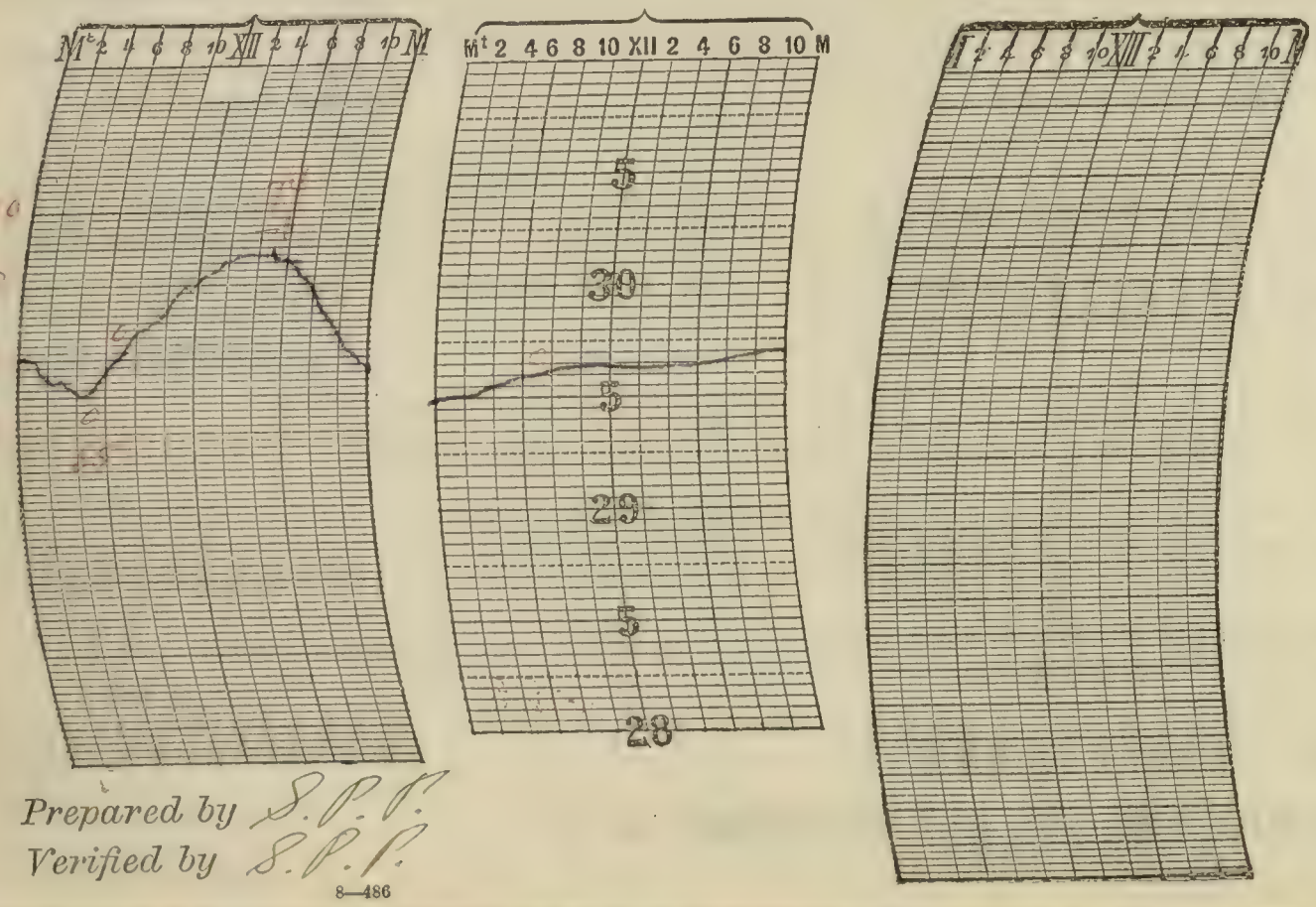
Extreme vel., 12 - NE - 11:03 am

Relative humidity, 70 a. m. ..... p. m.

Reduced barometer, 30.15 a. m. ..... p. m.

River gage, 15.7, falling

NOTES.



Prepared by S. P. C.

Verified by S. P. C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) JUN 22 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	55	54	53	52	54	59	66	71	74	76	78
Correction					0		0			-1		
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions										Clear		
Sunrise: Time, Character,	4:24 Clear											
Sunshine (in tenths of hours)					0.6 0	1.0 0	0.9 0.1	1.0	1.0	1.0	1.0	1.0
Wind direction	E	O	E	E	E	E	E	W	W	N	N	NE
Wind movement	1	0	1	1	2	1	1	4	7	8	8	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	79	79	79	78	77	75	71	68	66	64	62	61
Correction		-1										
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions										Clear		
Sunset: Time, Character,									7:31 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	× 1.0	1.0 0	.5 0				
Wind direction	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	E
Wind movement	7	6	9	8	9	7	6	5	4	5	3	3

Maximum velocity (exceeding 25 miles) direction and time:

Maximum.	Minimum.	Mean.	Normal.
80	52	66	72

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear. Moon phase,

Average daily cloudiness (0-10)

Actual sunshine, hours, 15.1

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 100

Prevailing direction East

Total movement, 113

Average hourly velocity, 4.7

Maximum velocity, 12 Direction, E Time 4:57 p.m. 4:58 p.m.

Extreme velocity 12 - E

Relative humidity, 83 a. m. p. m.

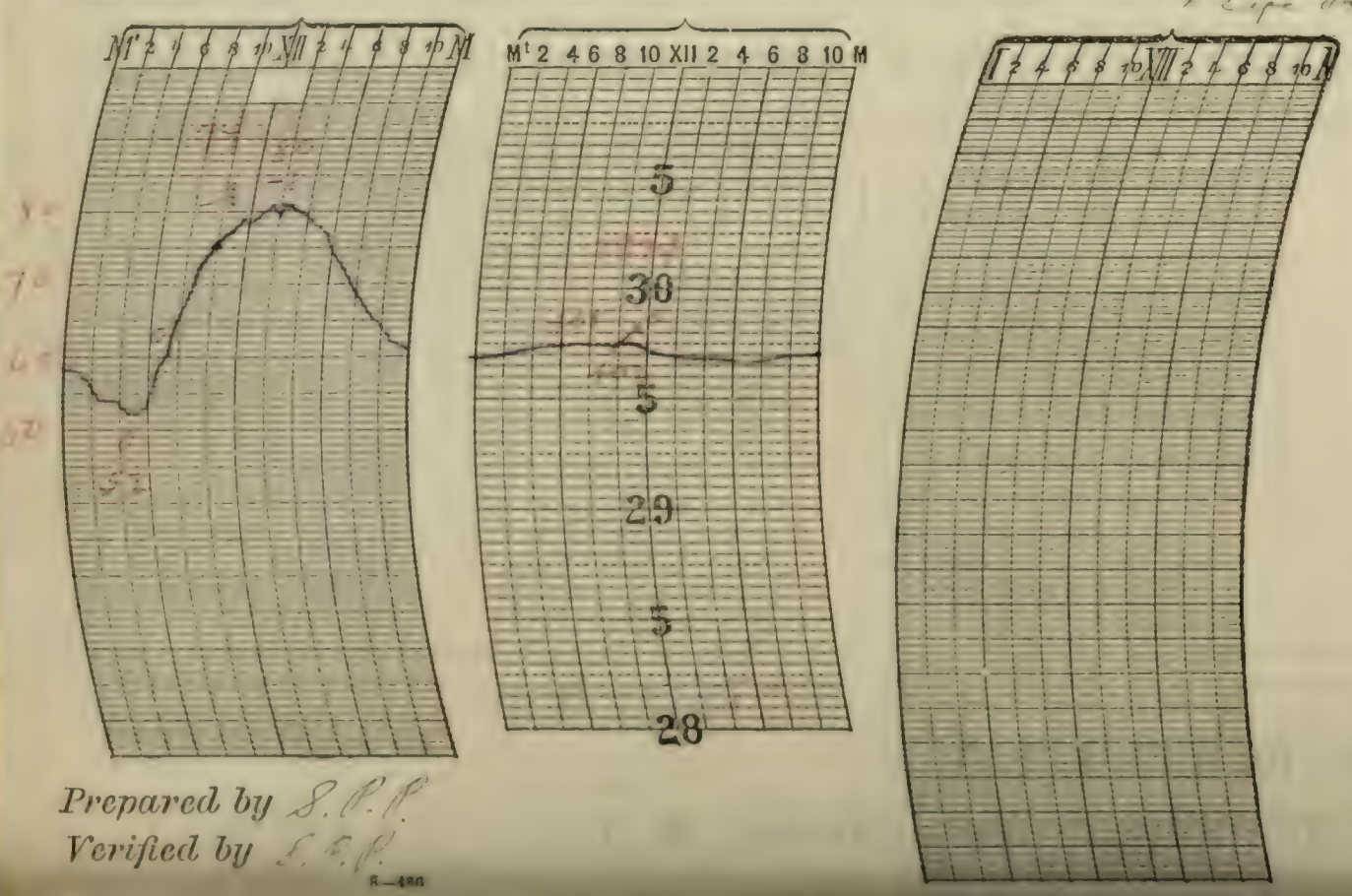
Reduced barometer, 30.33 a. m. p. m.

River gage, 15.5, falling

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

* Eye observation.



NOTES.

Prepared by S. P. P.
Verified by E. E. P.

8—480

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) JUN 23 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	56	54	53	52	53	56	64	68	72	76	77
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Pt Cldy				Clear			
Sunshine (in tenths of hours)					.60 0	1.0 0	x 0.5	0.3	0.8	1.0	1.0	1.0
Wind direction	O	E	E	E	E	E	E	E	E	E	E	E
Wind movement	0	1	1	1	1	2	2	1	3	4	4	5
Maximum velocities (exceeding 25 miles) direction and time												

Sunrise: Time, 4:24 Character, Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	79	80	80	80	80	79	76	72	69	67	64	63
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									Moon visible			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	x 1.0	x 1.0	1.0 0	.53 0				
Wind direction	SE	E	E	NE	NE	SE	SE	SE	SE	O	SE	SE
Wind movement	5	5	4	3	4	4	1	1	1	0	1	1
Maximum velocities (exceeding 25 miles) direction and time												

Sunset: Time, 7:32 Character, Clear

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
81	52	66	72

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 1

Actual sunshine, hours, 13.7

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 91

Prevailing direction East

Total movement, 55

Average hourly velocity, 2.3

Maximum velocity,	Direction,	Time.
8	SE	12:35 pm
Extreme	8-SE -	12:35 pm

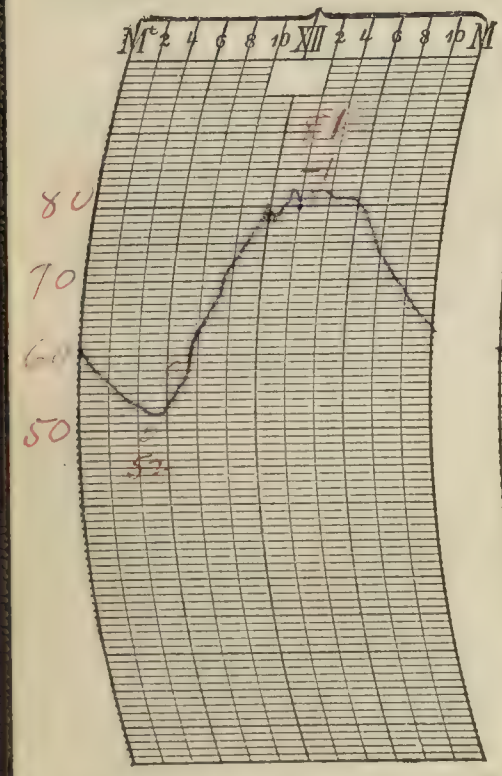
Relative humidity, 77 a. m. p. m.

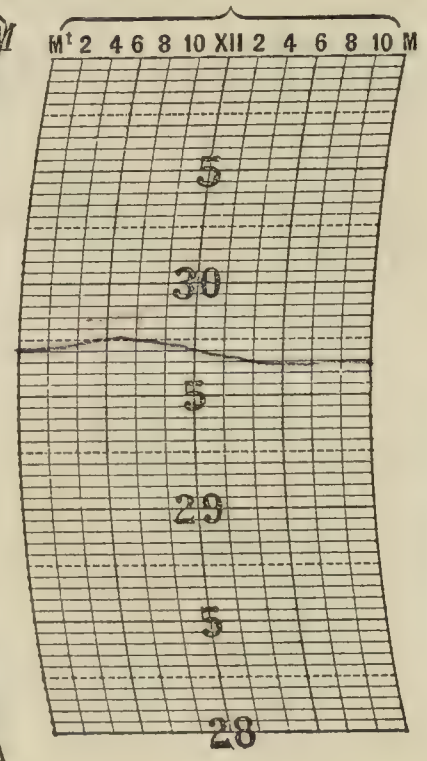
Reduced barometer, 30.31 a. m. p. m.

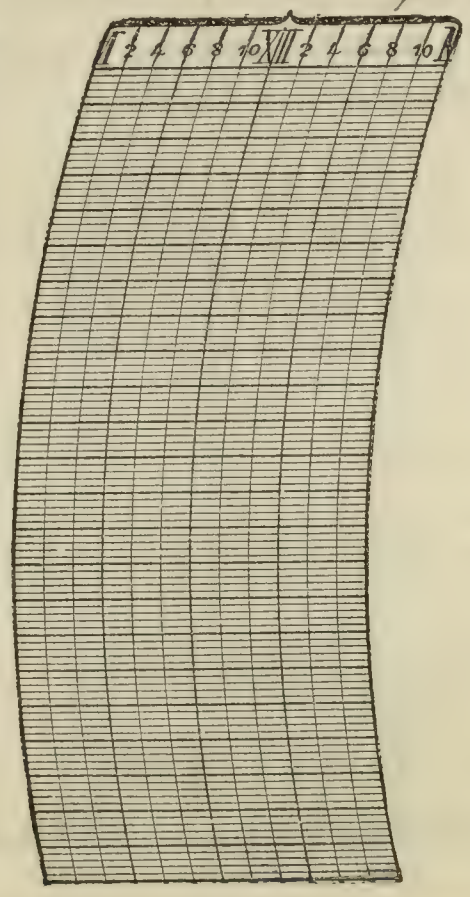
River gage, 15.3, falling

× Eye observation.

NOTES.







Prepared by S. P. P.
Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL, (Day of week) Monday, (Date) JUNE 2 1913, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	61	61	60	60	62	65	69	75	81	83	84	85	84	86	85	84	83	81	77	73	69	68	65
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Pt cldy			×	Clear															
Sunshine (in tenths of hours)	Sunrise: Time, 4:25 Character, Clear				.58 0	1.0 0	× 1.0	× 1.0	× 1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3 0.7	0	0	Sunset: Time, 7:32 Character, Clear			
Wind direction	SE	0	SE	SE	0	SE	SE	SE	SW	SW	NE	NW	NW	NW	NW	NW	NW	N	NW	NW	0	0	NW	NW
Wind movement	1	0	1	1	0	1	1	3	4	4	6	5	5	6	6	6	7	5	2	4	0	0	1	1

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

× Eye observation.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
86	60	73	72

Total depth of snow for 24 hours ending 7 p. m. 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase

Average daily cloudiness (0-10) 1

Actual sunshine, hours, 15.1

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 100

Prevailing direction Northwest

Total movement, 70

Average hourly velocity, 2.9

Maximum velocity,	Direction,	Time.
9	NW	10:30 a.m.

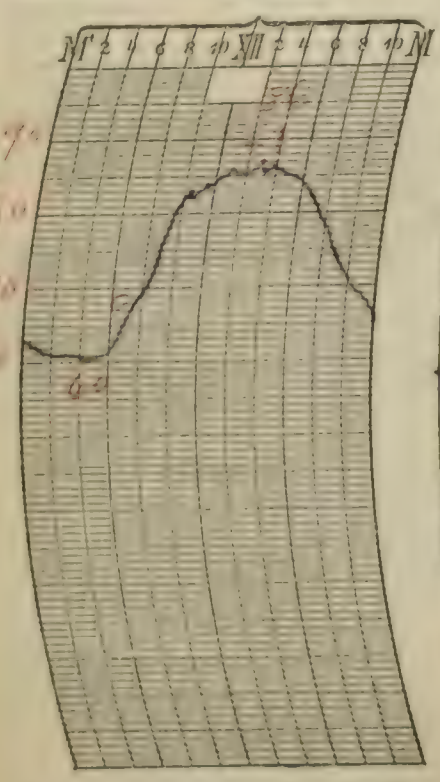
Extreme Vel.

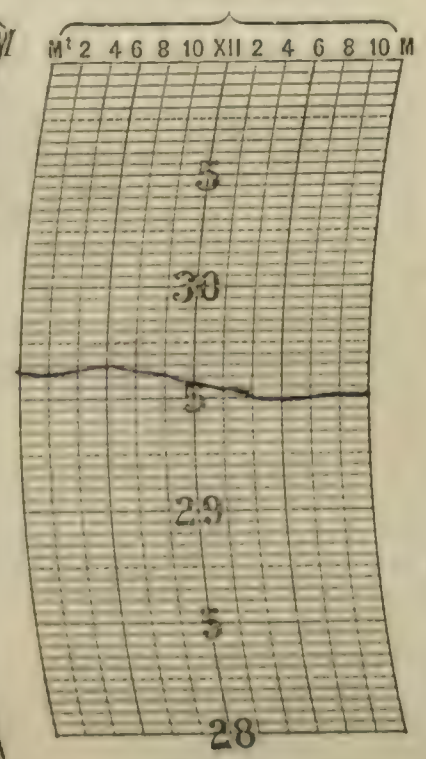
Relative humidity, 82 a. m. p. m.

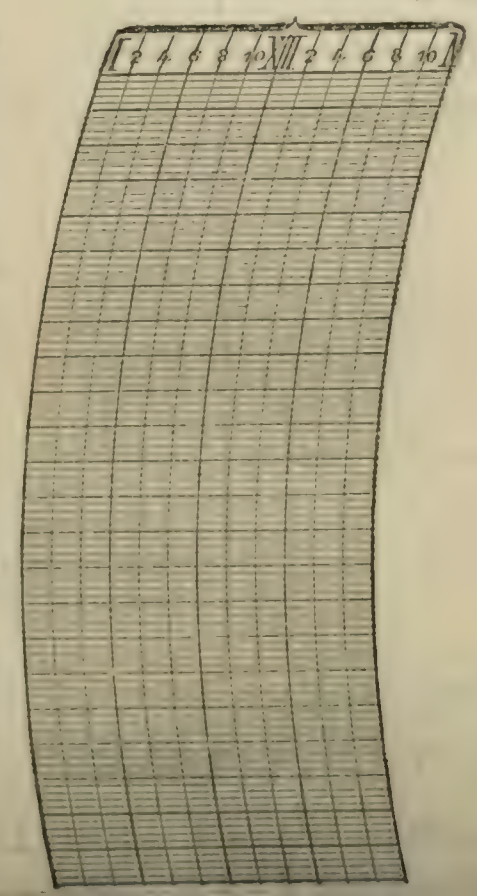
Reduced barometer, 30.19 a. m. p. m.

River gage, 15.1, falling

NOTES.







Prepared by S. P. P.

Verified by S. P. P.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) JUN 25 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	62	61	61	60	62	64	74	81	83	85	86
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Moon visible				Clear							
Sunrise: Time, Character,	4:25 Clear											
Sunshine (in tenths of hours)					.58 0	1.0 0	1.0 0	× 1.0	1.0	1.0	1.0	0.8
Wind direction	0	0	NW	0	0	0	NW	NW	W	W	W	W
Wind movement	0	0	1	0	0	0	2	1	3	3	4	4

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	88	88	87	88	88	87	83	78	75	73	70	67
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear				× Eye Obs.				Moon visible			
Sunset: Time, Character,	7:32 Clear											
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.2 0.8	1.0 0	.53 0				
Wind direction	W	SW	SW	SW	SW	W	W	W	W	0	W	W
Wind movement	4	5	8	6	6	5	2	2	1	0	1	1

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
89	60	74	73

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 2

Actual sunshine, hours, 14.9

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 99

Prevailing direction West

Total movement, 59

Average hourly velocity, 2.5

Maximum velocity,	Direction,	Time.
9	SW	2:33 p.m.

Extreme Vel. 9 - SW - 2:33 p.m.

Relative humidity, 85 a. m. p. m.

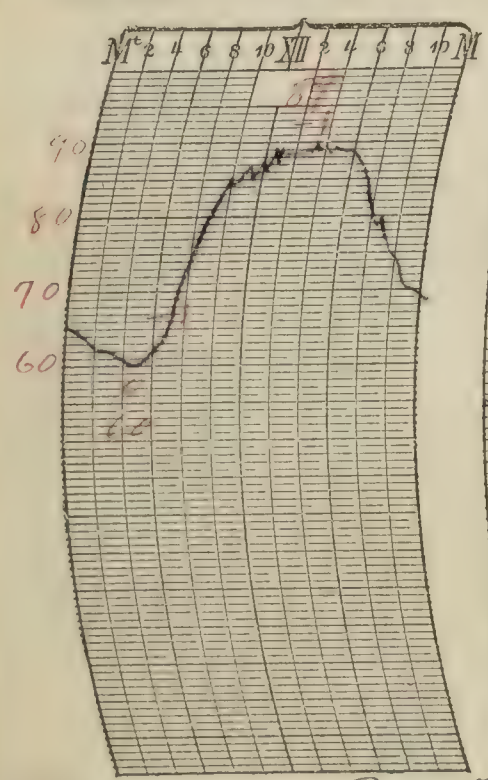
Reduced barometer, 30.08 a. m. p. m.

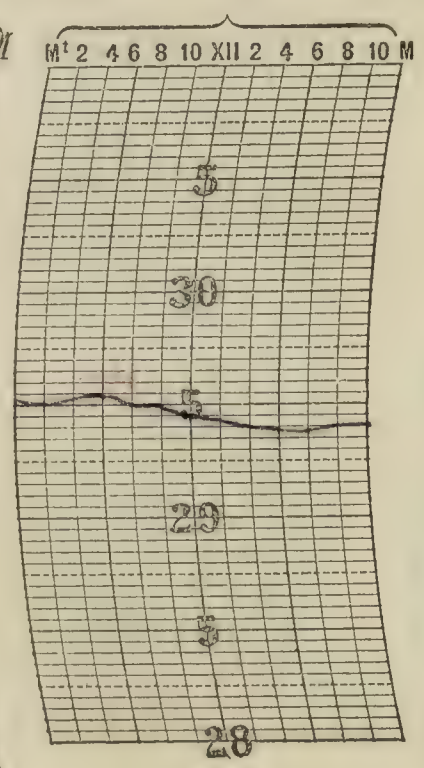
River gage, 14.9, falling

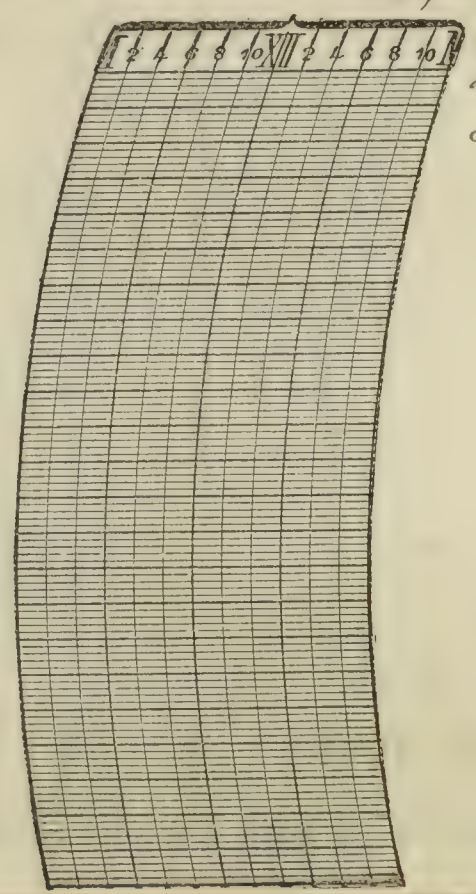
× Eye observation.

NOTES.

Light smoke began 7 Ma and ended at 8:00 am.







Prepared by S. P. P.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) [illegible] 2 1912, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	67	66	65	63	63	66	68	78	84	87	89	92	92	92	87	84	79	77	73	71	67	66	64	[illegible]
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Moon visible						Clear						Cloudy				Clear					Moon visible		
Sunshine (in tenths of hours)	Sunrise: Time, 4:25; Character, Clear				0	0	0	1.0	1.0	1.0	1.0	1.0	0.8	0.9	0.4	0.5	0.9	0.3	1.0	0	Sunset: Time, 7:32; Character, Clear			
Wind direction	O	W	O	W	O	W	W	SW	NE	N	NE	NW	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	0	1	0	1	0	1	1	2	4	3	3	4	4	5	6	12	15	14	12	11	11	8	5	6
Maximum velocities (exceeding 25 miles) directions and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
92	62	77	73

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 2

Actual sunshine, hours, 13.6

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 90

Prevailing direction Northeast

Total movement, 129

Average hourly velocity, 5.4

Maximum velocity,	Direction,	Time.
19	NE	4:21 p.m.
Extreme Vel. 19	NE	4:21 p.m.

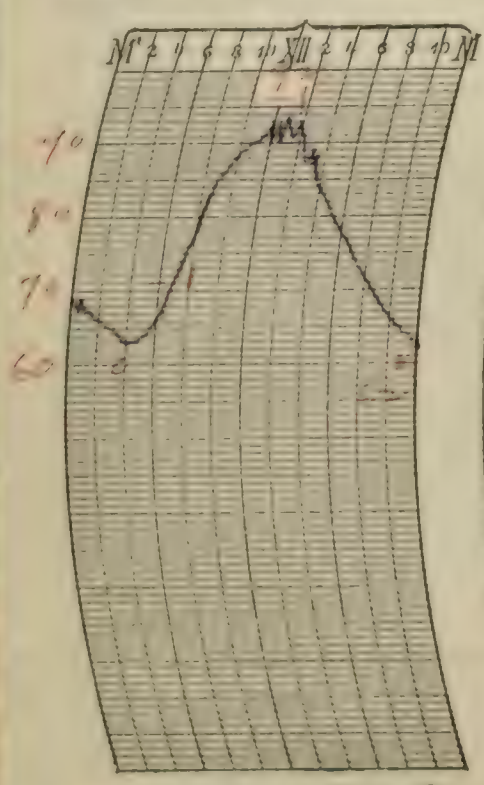
Relative humidity, 78 a. m. p. m.

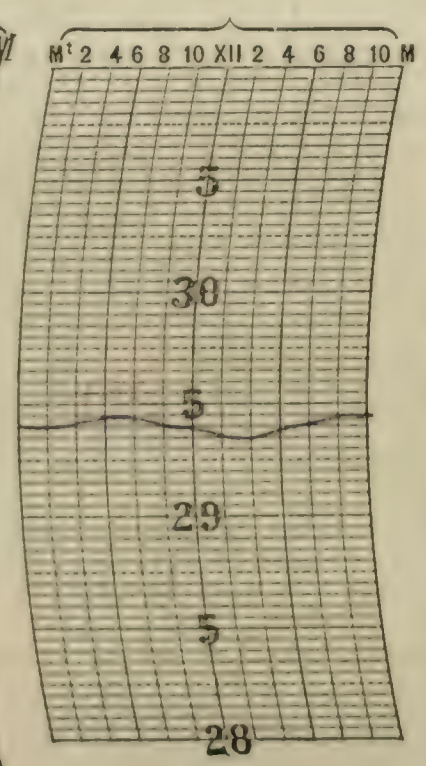
Reduced barometer, 30.01 a. m. p. m.

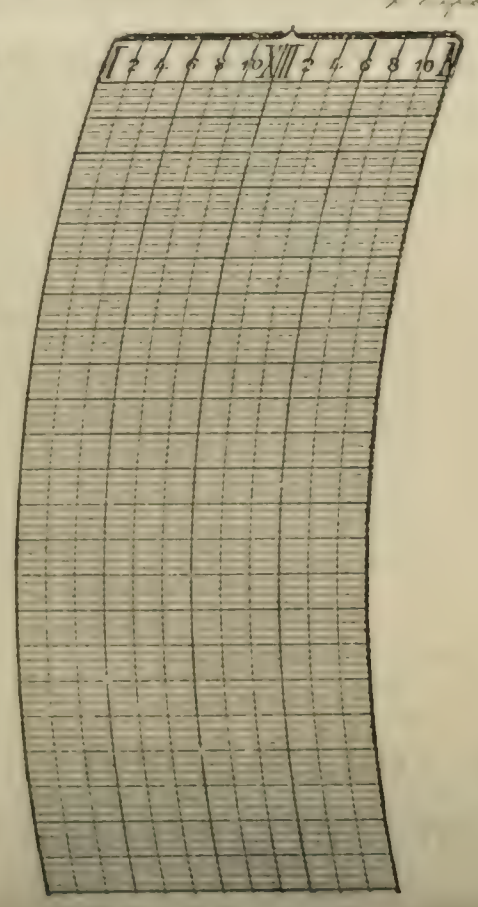
River gage, 14.7 falling

x Eye observation.

NOTES.







Prepared by S. P. P.
Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) JUN 27 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	60	59	58	58	59	61	67	71	75	78	81
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Moon visible						Clear					
Sunrise: Time, Character,	4:26 Clear											
Sunshine (in tenths of hours)					.5 0	1.0 0	0.9 0	× 0.8	1.0	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	7	7	7	9	5	7	7	7	6	6	6	6

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	83	85	87	87	86	83	79	76	74	70	67	66
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						× Cloudy		× Clear		Moon visible		
Sunset: Time, Character,									7:32 Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.6 0	0.3 0	0				
Wind direction	E	E	E	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	7	7	6	4	6	10	10	8	7	8	8	8

Maximum velocities (exceeding 25 miles) direction and time

Maximum.	Minimum.	Mean.	Normal.
87	58	72	73

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 2

Actual sunshine, hours, 13.2

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 87

Prevailing direction Northeast

Total movement, 169

Average hourly velocity, 7.0

Maximum velocity,	Direction,	Time.
11	NE	3:18 am
Extreme vel., 11	NE	3:18 am

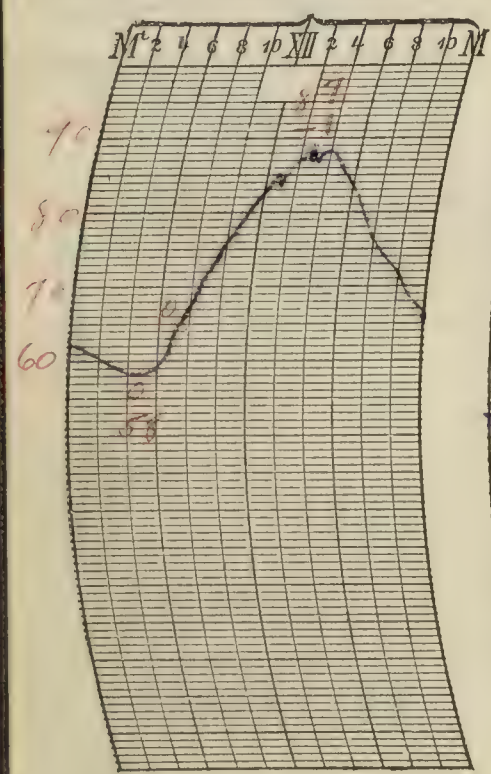
Relative humidity, 74 a. m. ____ p. m.

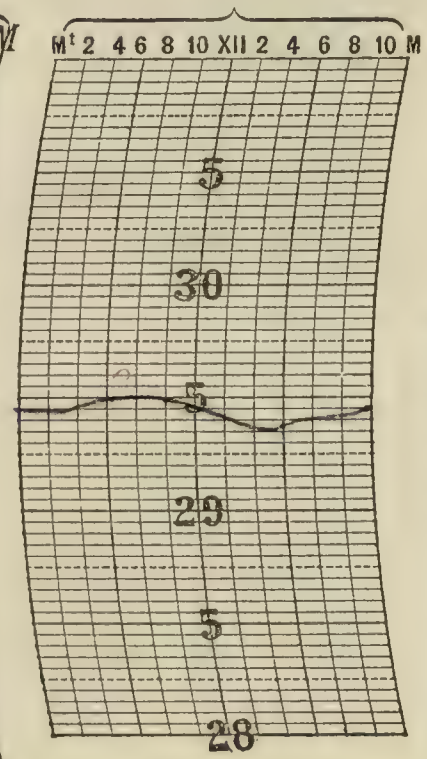
Reduced barometer, 30.06 a. m. ____ p. m.

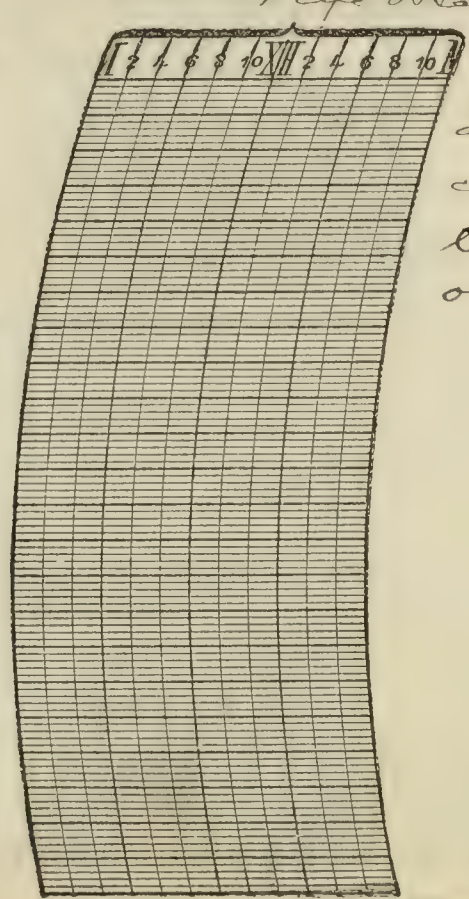
River gage, 14.5, falling.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

× Eye observation







NOTES.

Thunderstorm: First thunder heard at 7:40 pm; last heard at 8:25 pm. Storm came from S.W. No rain occurred at the station, but a sprinkle of rain occurred at Peru with this storm.

Prepared by S.P.P.
Verified by S.P.P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) JUN 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	63	62	62	63	65	67	76	80	83	86	86	87	88	88	89	89	87	86	83	81	78	76	76
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Moon visible				Lt smoke		Clear												Partly cloudy		Moon visible	Clear		
Sunshine (in tenths of hours)					.5	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	.53				
					0	0	0.1												0.2	0				
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	SW	SW	SW	SW	SW
Wind movement	5	4	4	2	2	1	2	2	5	7	7	7	6	6	7	8	7	5	4	1	2	3	2	7

Sunrise: Time, 4:26 Character, Clear

Sunset: Time, 7:32 Character, Cloudy

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
90	62	76	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, [illegible] inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 1

Actual sunshine, hours, 15.1

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 100

Prevailing direction Southwest

Total movement, 106

Average hourly velocity, 4.4

Maximum velocity,	Direction,	Time.
11	SW	3:29 pm
Extreme vel., 11	SW	3:29 pm

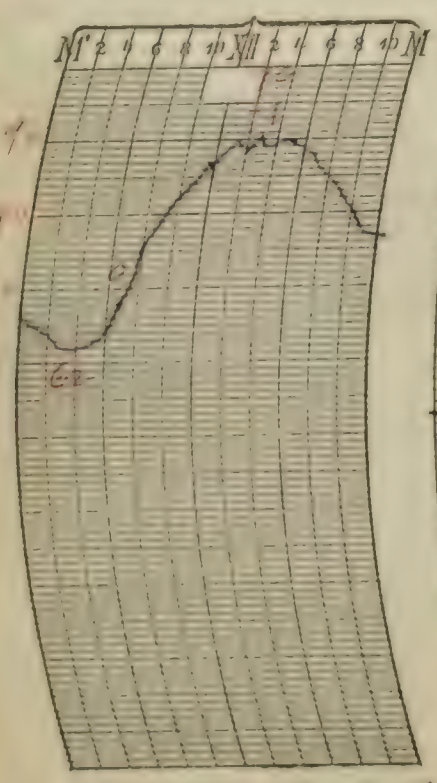
Relative humidity, 80 a. m. p. m.

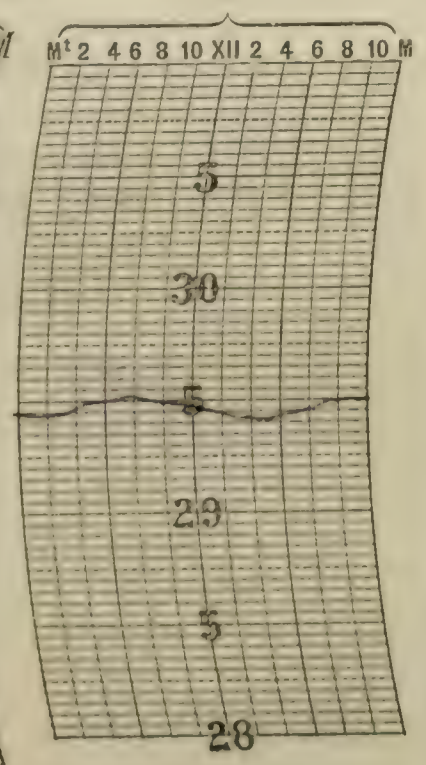
Reduced barometer, 30.08 a. m. p. m.

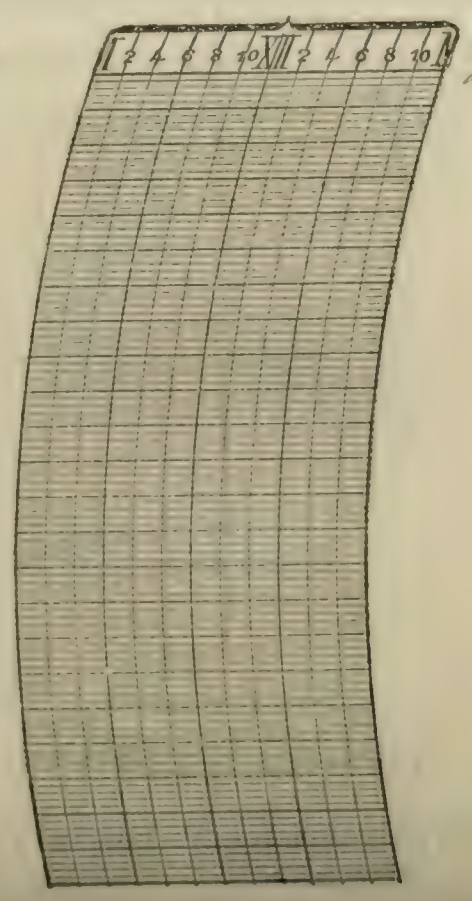
River gage, 14.3, falling

NOTES.

Lt smoke began 7 ua; ended at 8 [illegible]







Prepared by S. P. P.
Verified by S. P. P.

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) JUN 29 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	74	72	72	70	70	73	77	80	83	86	88
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Moon visible				Lt haze		Clear					
Sunrise: Time, Character,	4:26 Clear											
Sunshine (in tenths of hours)					.5 0	1.0 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	7	6	3	2	1	3	3	5	7	8	6	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	89	89	89	89	88	86	74	75	74	74		
Nature of precipitation and time of beginning and ending							RB 6:35 RE 6:53					
Amounts of precipitation							.11					
Cloudiness and other conditions	Pt Cldy	Clear				Pt Cldy	PC	Cloudy				
Sunset: Time, Character,									7:32 Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.6	0	0				
Wind direction	SW	S	SW	SW	SW	W	NE	E	S	S	NW	NW
Wind movement	6	5	5	6	6	5	11	5	2	2	2	2

Maximum velocities (exceeding 25 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
90	70	80	79

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .11 ins.

Total precipitation, midnight to midnight, .11 inches.

Character of day, Clear Moon phase, O 7:34 a.m.

Average daily cloudiness (0-10) 3

Actual sunshine, hours, 13.2

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 87

Prevailing direction Southwest

Total movement, 113

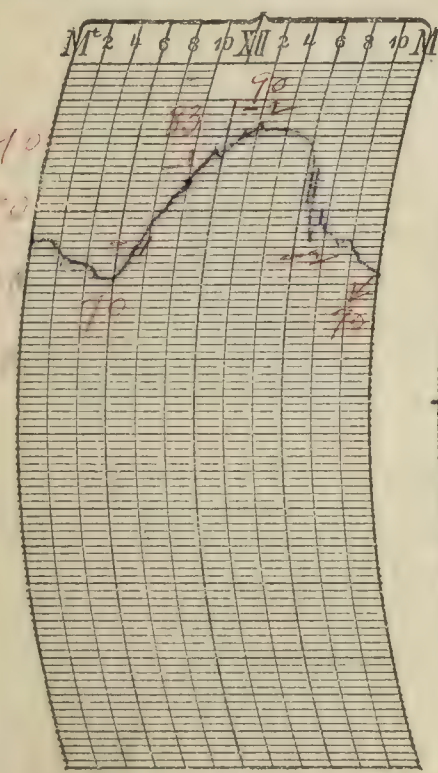
Average hourly velocity, 4.7

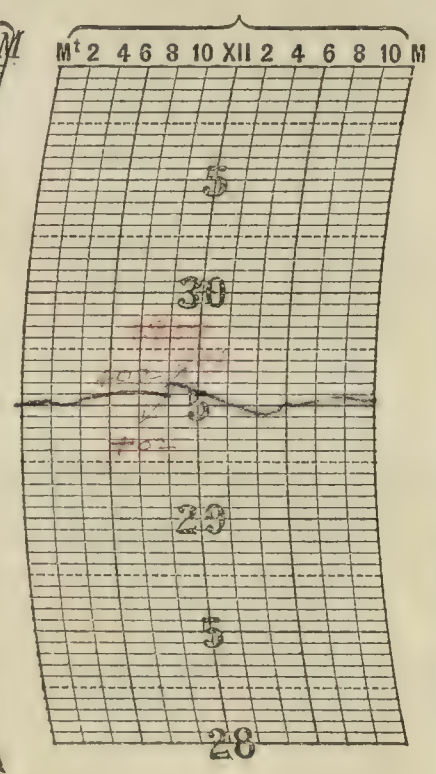
Maximum velocity,	Direction,	Time.
24	NE	6:37 p.m.
Extreme vel. 26	NE	6:38 p.m.

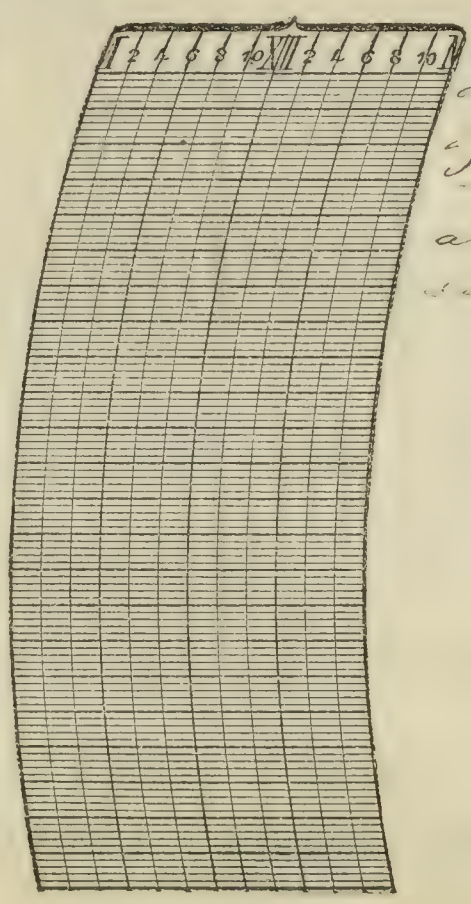
Relative humidity, 78 a. m. p. m.

Reduced barometer, 30.14 a. m. p. m.

River gage, 14.2, falling







NOTES.

Light haze formed D Ua; ended 5:30 p.m.
Thunderstorm: First thunder heard at 5:53 p.m.; last heard at 7:15 p.m. Storm came from SE

Prepared by S. R. C.
Verified by S. R. C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, Ill., (Day of week) [illegible] 7, (Date) JUN 30 1912, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	69	70	69	69	68	69	72	75	79	82	85	87
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Hazy visible					Lt haze	Clear					
Sunrise: Time, Character,	4:27 Clear											
Sunshine (in tenths of hours)					.55 0	1.0 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0
Wind direction	W	W	W	W	0	W	S	SE	S	W	W	NW
Wind movement	2	1	2	1	0	2	1	3	2	5	4	3
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	89	91	86	87	77	77	76	74	73	[illegible]	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending				RB 4:56	RB 4:15 RE 4:20	RE 5:20						
Amounts of precipitation					T	T						
Cloudiness and other conditions				Pt c	Pt c	Cloudy						
Sunset: Time, Character,										7:32 Cloudy		
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0	0	0	0				
Wind direction	NE	NE	NE	S	NE	NE	E	E	E	E	E	E
Wind movement	4	5	4	4	13 4:07	10	5	4	3	4	4	5
Maximum velocities (exceeding 25 miles) direction and time					27 NE 4:07							

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
91	68	[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt c Cloudy. Moon phase.

Average daily cloudiness (0–10), 4

Actual sunshine, hours, 11.6

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 77

Prevailing direction, E – NE

Total movement, 91

Average hourly velocity, 3.8

	Maximum. velocity.	Direction.	Time.
Extreme velocity	27	NE	4:07 pm
	33	NE	4:08 pm

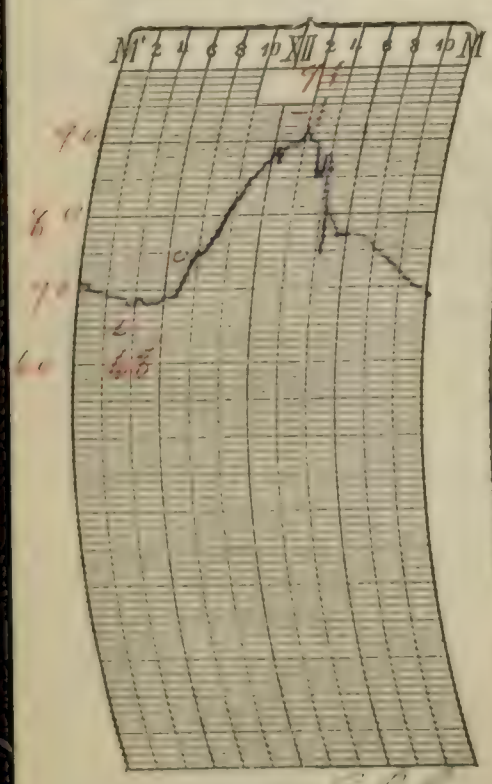
Relative humidity, 81 a. m. ____ p. m.

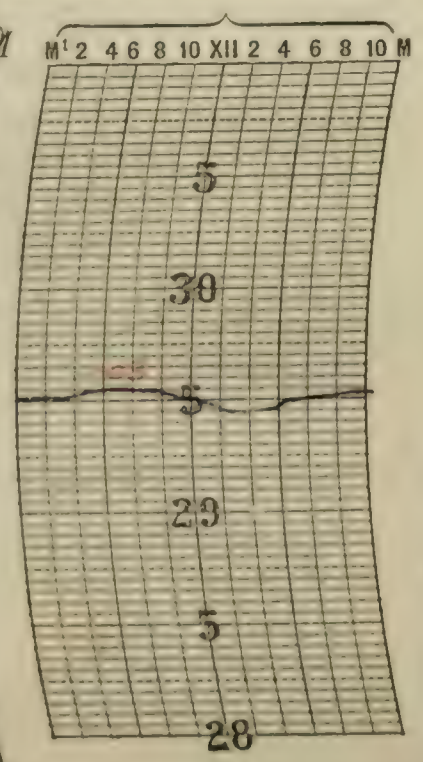
Reduced barometer, 30.08 a. m. ____ p. m.

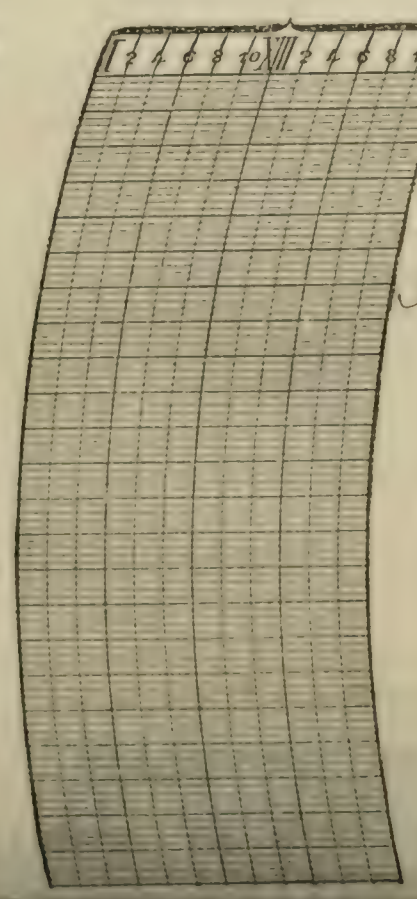
River stage, [illegible]

Excessive precipitation, accumulated amounts.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.







NOTES.

Light haze formed AM and continued to 3:00 pm. Thunderstorm; First thunder heard at 2:00 pm; last heard at 5:15 pm; storm came from SE.

Prepared by S.O.U.

Verified by S.O.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Monday, (Date) JUL 1 - 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	67	66	66	64	62	64	65	68	72	77	79
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Pt Cldy			Clear				
Sunshine (in tenths of hours)					0	0	0.6	1.0	1.0	1.0	1.0	1.0
Wind direction	E	E	E	NE	NE	NE	E	E	E	E	E	E
Wind movement	6	7	8	8	7	7	8	10	9	8	8	9

Sunrise: Time, 4:27 Character, Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	82	84	84	79	66	71	71	70	70	69	66	65
State of weather: Nature of precipitation and time of beginning and ending					RB 4:06	RE 5:15						
Amounts of precipitation					1.04	T						
Cloudiness and other conditions							Cloudy					
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.8	0	0	0	0				
Wind direction	E	E	E	NE	NE	NE	NE	E	NE	E	NE	NE
Wind movement	10	8	9	7	11	8	6	5	6	9	7	5

Sunset: Time, 7:32 Character, Cloudy

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
85	64	73	74

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m. 1.04 ins.

Total precipitation, midnight to midnight, 1.04 inches.

Character of day, Pt Cldy Moon phase,

Average daily cloudiness (0-10) 4

Actual sunshine, hours, 11.4

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 75

Prevailing direction East

Total movement, 186

Average hourly velocity, 7.8

Maximum velocity,	Direction,	Time.
16	S	4:15 pm
Extreme vel. 17	S	4:16 pm

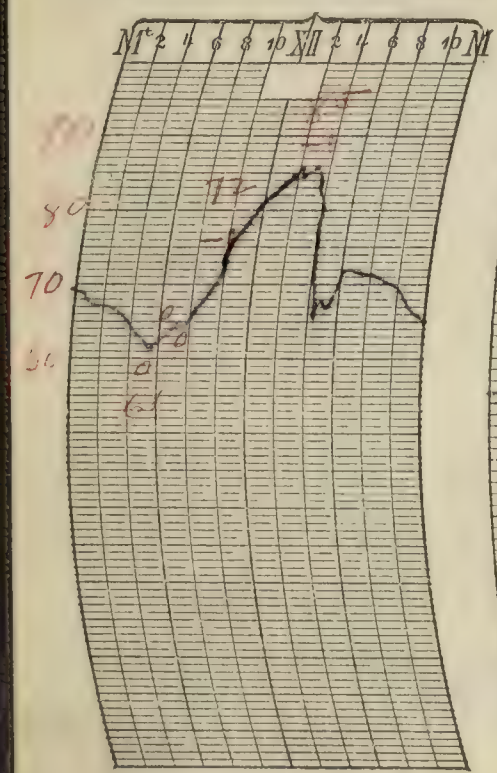
Relative humidity, 71 a. m. p. m.

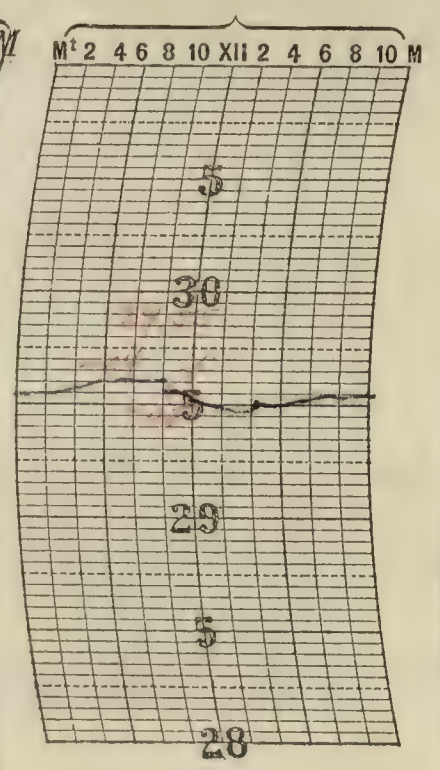
Reduced barometer, 30.11 a. m. p. m.

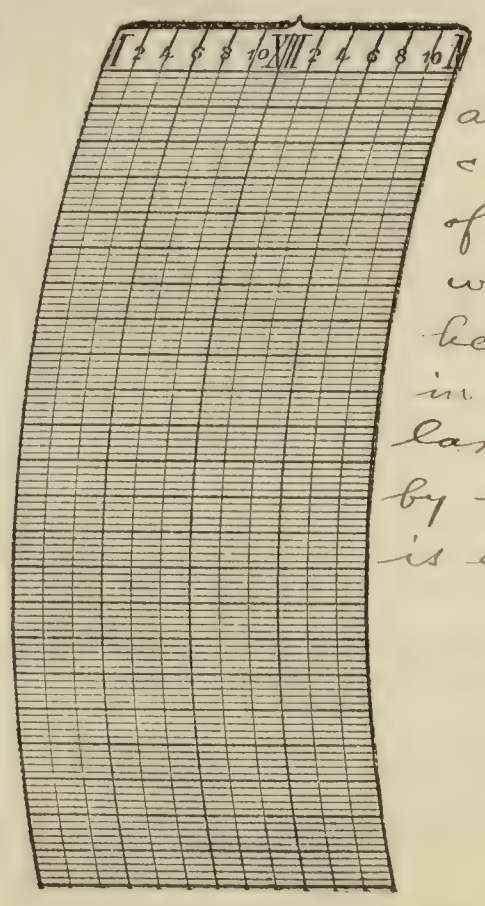
River gage, 14.5, rising

Maximum velocities (exceeding 25 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
	4:06p	5:15p	1.04	4:11p	4:34p	.01	.19	.32	.77	.77	1.01									







NOTES.

Thunderstorm: First thunder heard at 3:52 pm; last heard at 5:35 pm. Storm came from the south. This storm was of unusual severity. The lightning was frequent and the thunder very heavy. Excessive precipitation, as indicated in the table above, attended the storm. A large barn at 1546 La Salle st was struck by lightning and destroyed. The loss is estimated at $3000.

Prepared by S. P. S.
Verified by S. P. S.

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) JUL 2 - 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	63	62	61	61	64	67	74	76	77	78	80
Nature of precipitation and time of beginning and ending										RB 9:22 RE 9:30		
Amounts of precipitation										T		
Cloudiness and other conditions	Clear				Clear			Partly cloudy				
Sunshine (in tenths of hours)					0	0	0.8	1.0	1.0	0.9	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	E	E	S	SE	SE	SE	SE
Wind movement	5	6	5	4	5	5	4	6	8	9	7	7

Sunrise: Time, 4:28; Character, Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	77	80	78	82	82	82	78	77	75	74	73	72
Nature of precipitation and time of beginning and ending	RB 1:05 RE 1:40		RB 2:25 RE 2:38									
Amounts of precipitation	0.3	0.1	T									
Cloudiness and other conditions		Partly cloudy							Clear			
Sunshine (in tenths of hours)	0.8	1.0	0.7	1.0	0.9	0.7	0	0				
Wind direction	S	SW	S	S	S	S	S	SW	S	S	S	S
Wind movement	9	8	7	8	9	8	10	8	3	5	6	7

Sunset: Time, 7:32; Character, Clear

Maximum velocities (exceeding 25 miles) direction and time:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts: Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	82	61	72	74

Total depth of snow for 24 hours ending 7 p. m., — inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., — ins. 0.4

Total precipitation, midnight to midnight, 0.4 inches.

Character of day, Partly cloudy Moon phase,

Average daily cloudiness (0-10) 6

Actual sunshine, hours, 13.6

Possible sunshine, hours, 14.1

Percentage of possible sunshine, 96

Prevailing direction NE

Total movement, 163

Average hourly velocity, 6.8

Maximum velocity,	Direction,	Time.
16	SW	12:27 p.m.
19	SW	12:50 p.m.

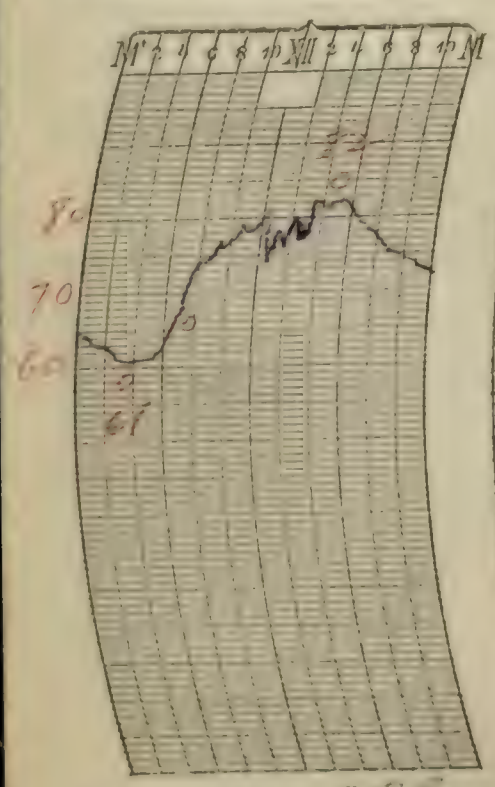
Extreme

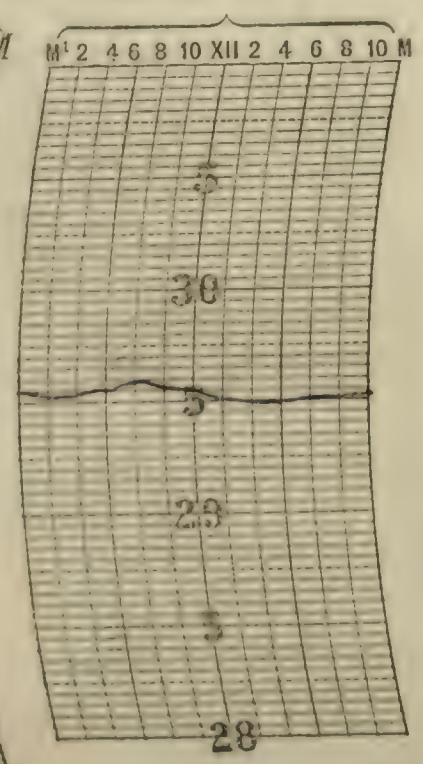
Relative humidity, 90 a. m. — p. m.

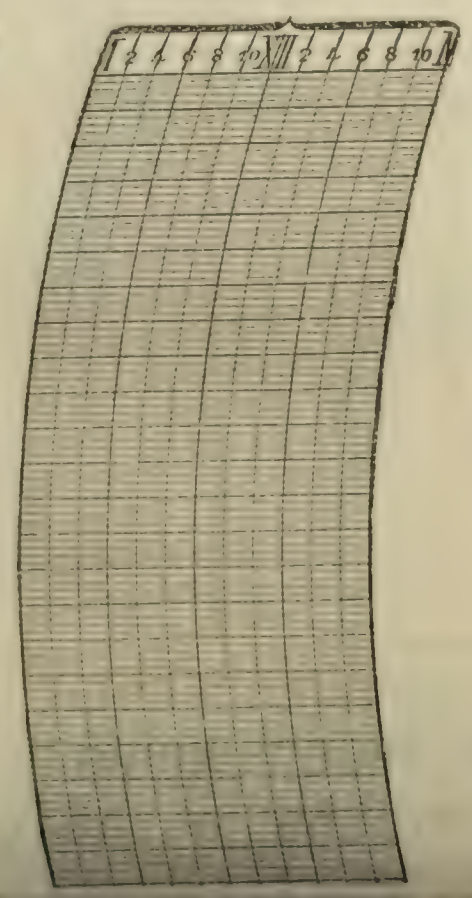
Reduced barometer, 30.13 a. m. — p. m.

River gage, 14.4, falling

NOTES.







Prepared by S. A. E.

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) JUL 3 - 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	72	72	72	72	72	73	72	71	75	78	81
State of weather: Nature of precipitation and time of beginning and ending							RB 6:36	RE 7:05	RB 8:45 RE 9:31	RB 9:40 RE 9:44 (9:40)		
Amounts of precipitation							T	T	T	T		
Cloudiness and other conditions							Cloudy					
Sunrise: Time, Character,	4:28 Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0	0.6	1.0	1.0
Wind direction	S	S	SW	SW	S	S	SW	S	S	SW	SW	SW
Wind movement	12	9	7	5	4	5	9	7	9	12	16	14

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	80	81	81	78	77	76	74	73	71	72	72	71
State of weather: Nature of precipitation and time of beginning and ending		RB 1:12 RE 1:24										
Amounts of precipitation		T										
Cloudiness and other conditions												
Sunset: Time, Character,									7:32 Cloudy			
Sunshine (in tenths of hours)	0.9	0.5	0.8	0.7	0.2	0.2 0	0.4 0	1.3 0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	SW
Wind movement	11	9	12	16	13	11	7	3	3	3	4	5

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
82	71	76	74

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 9

Actual sunshine, hours, 6.4

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 42

Prevailing direction Southwest

Total movement, 206

Average hourly velocity, 8.6

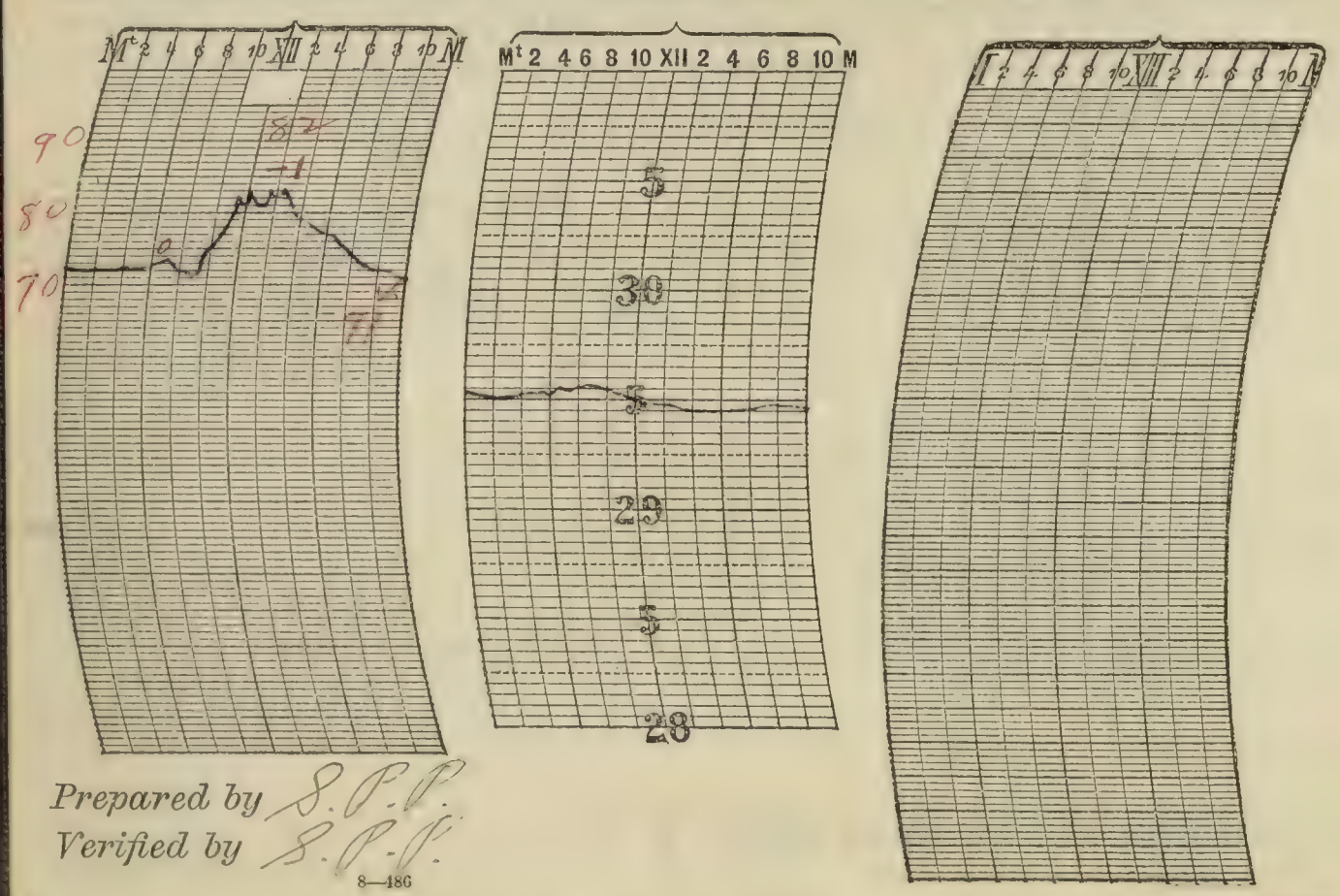
	Maximum velocity,	Direction,	Time.
Extreme	20	SW	10:38 am
	23	SW	10:39 am

Relative humidity, 72 a. m. p. m.

Reduced barometer, 30.09 a. m. p. m.

River gage, 14.3, falling

NOTES.



Prepared by S. P. P.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) JUL 4 - 1912, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	70	69	67	67	66	69	70	77	82	85	86	88	90	92	91	90	89	87	84	82	80	78		
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Moon visible					Clear							Partly cloudy											
Sunrise: Time, 4:27; Character, Clear													Sunset: Time, 7:31; Character, Clear											
Sunshine (in tenths of hours)					.52 0	0.7 0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.4 0	1.0 0	.52 0				
Wind direction	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S	S	S	S	S	S	SE	SE	SE	S	S	S	S
Wind movement	5	4	4	3	1	2	3	4	4	6	7	5	6	6	6	6	5	7	7	7	7	7	5	2
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
92	66	79	74

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .52 inches.

Character of day, Partly cloudy; Moon phase,

Average daily cloudiness (0–10) 6

Actual sunshine, hours, 14.0

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 93

Prevailing direction East

Total movement, 119

Average hourly velocity, 5.0

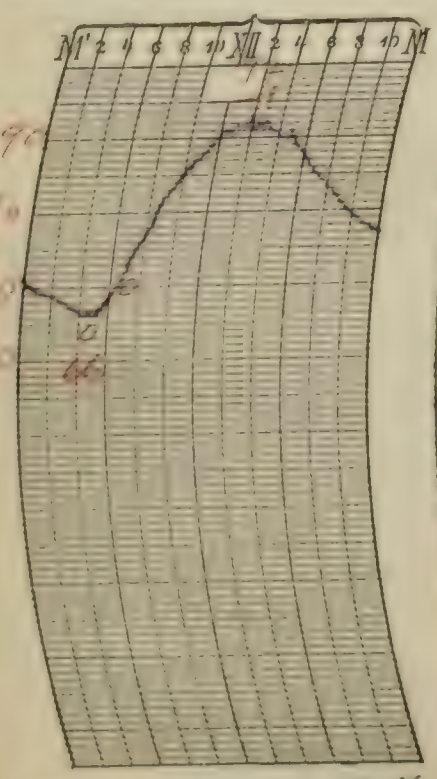
Maximum velocity.	Direction.	Time.
9	S	8:10 p.m.
Extreme vel., 9	S	8:10 p.m.

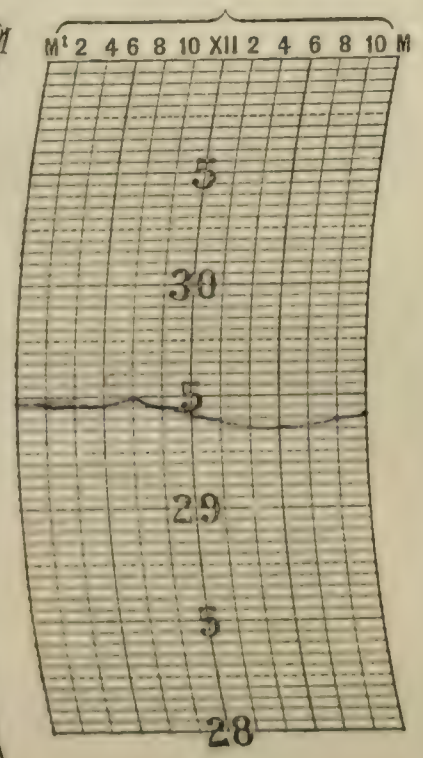
Relative humidity, 76 a. m. ____ p. m.

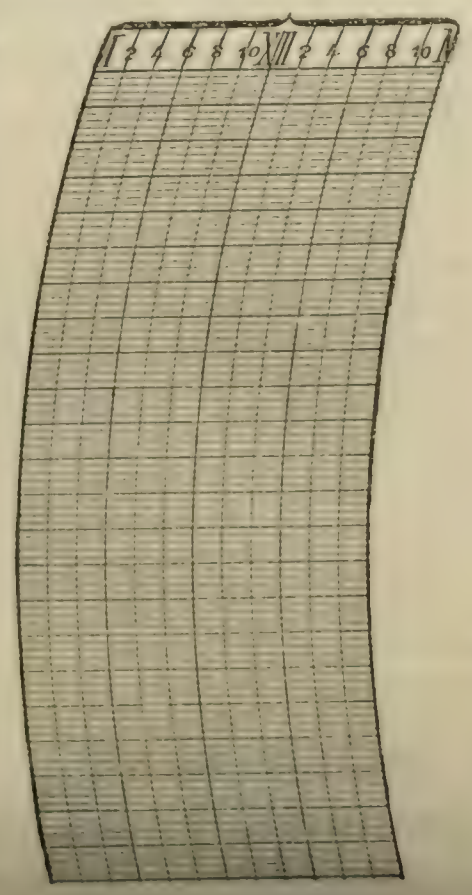
Reduced barometer, 29.04 a. m. ____ p. m.

River gage, 14.1 falling

NOTES.







Prepared by S. P. S.
Verified by S. P. S.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday; (Date) JUL 5 - 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	74	73	72	72	73	77 (-1)	81	85	89	90	91
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		Clear								Clear		
		visibe										
Sunrise: Time, Character,	4:30 Clear											
Sunshine (in tenths of hours)					.50 0	0.7 0.3	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	S	SE	SE	SE	SE	SE	S	SW	SW	SW	SW	SW
Wind movement	1	4	4	2	2	2	2	3	5	6	7	7
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	93	94	94	96 (-2)	94	91	88	85	82	80	79	78
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.5 0.5	.52 0				
Wind direction	SW	SW	SW	SW	SW	S	S	S	SW	SW	S	S
Wind movement	8	8	7	7	5	4	4	4	2	3	7	4
Sunset: Time, Character,									7:31 Clear			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
96	72		75

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) fair

Actual sunshine, hours, 15.0

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 100

Prevailing direction Southwest

Total movement, 108

Average hourly velocity, 4.5

Maximum velocity,	Direction,	Time.
10	SW	12:43 pm
Extreme vel. 10	SW	12:43 pm

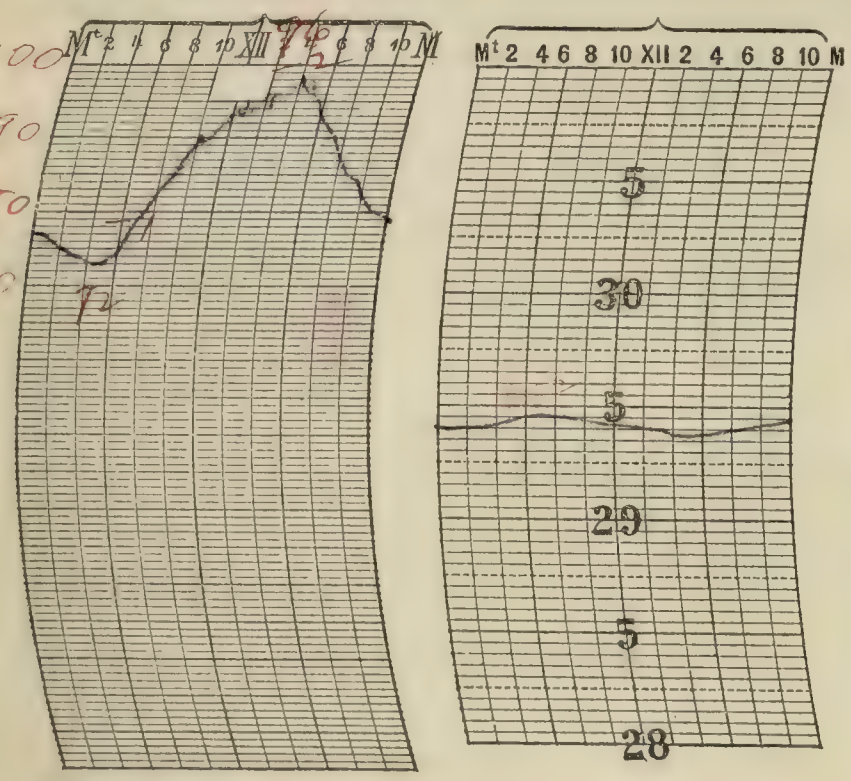
Relative humidity, 87 a. m. p. m.

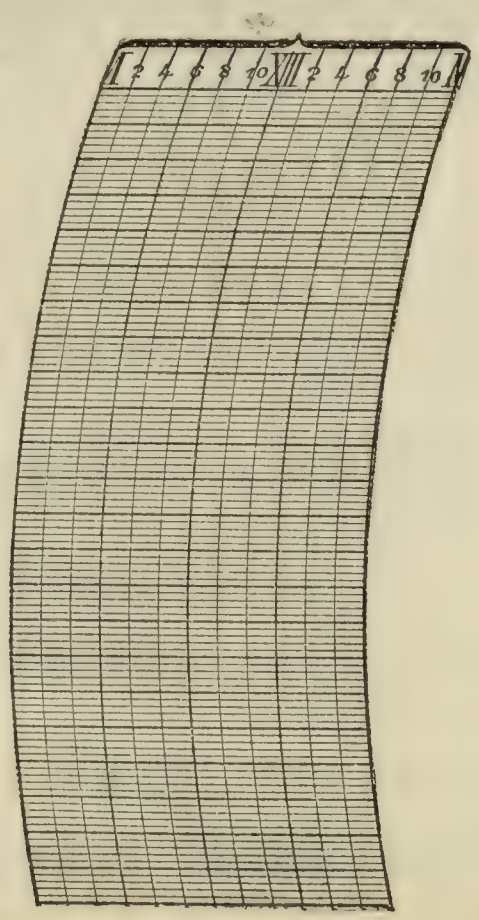
Reduced barometer, 30.03 a. m. p. m.

River gage, 14.0, falling

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.





NOTES.

Prepared by S. P. P.
Verified by S. P. P.

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) JUL 6 - 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	75	75	74	73 (-1)	74	76 (-1)	82	83	88	88	89	89	91	79 (-1) RB 2:40	81 RR 3:07	83	84	81	78	76	77	76	75
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation															.04	T								
Cloudiness and other conditions										Cloudy														
Sunrise: Time, 4:30; Character, Cloudy																					Sunset: Time, 7:31; Character, Clear			
Sunshine (in tenths of hours)					0	0	0.2 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0	0	0	0	0				
Wind direction	S	SE	SE	SE	SE	E	SE	S	S	S	SE	E	SE	E	S	S	SE	SE	SE	W	W	NW	NE	NE
Wind movement	2	2	2	1	3	3	2	3	4	4	6	7	6	8	9	4	1	1	6	6	2	4	1	3

Maximum velocity (exceeding 25 miles) direction and time: —

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amount: —

Maximum.	Minimum.	Mean.	Normal.
91	73	82	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .04 ins.

Total precipitation, midnight to midnight, .04 inches.

Character of day, Cloudy; Moon phase: —

Average daily cloudiness (0-10) 5.3

Actual sunshine, hours, 7

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 5.5

Prevailing direction Southeast

Total movement, 90

Average hourly velocity, 3.8

Maximum velocity,	Direction.	Time.
14	S	2:33 p. m.
14	E	2:37 p. m.

Extreme Vel.

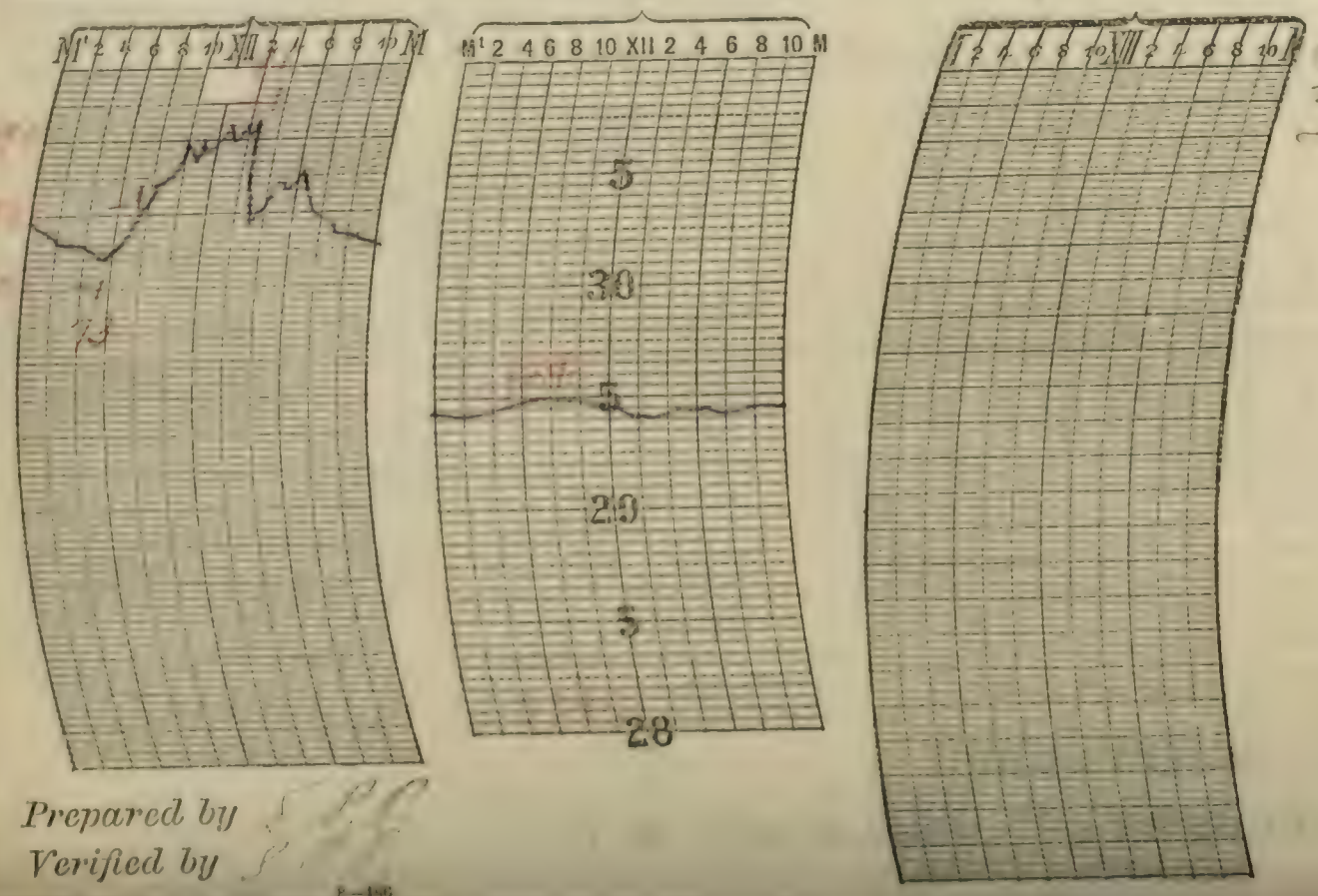
Relative humidity, 85 a. m. — p. m.

Reduced barometer, 30.08 a. m. — p. m.

River gage, 13.7, falling

NOTES.

Thunderstorm: First thunder heard at 2:12 pm; last heard at 3:40 pm; storm came from S.E.



Prepared by [illegible]

Verified by [illegible]

Form No. 1014—Met. R.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) JUL 7 - 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	73	72	70	71	71	72	77	80	82	84	86
State of weather: Nature of precipitation and time of beginning and ending			R B D Ha R E D Ha									
Amounts of precipitation		←	T	→								
Cloudiness and other conditions					Cloudy				Partly Cloudy			
Sunrise: Time, Character,	4:31 Cloudy											
Sunshine (in tenths of hours)					0	0	0.1	1.0	1.0	1.0	1.0	1.0
Wind direction	NE	NE	NW	NE	NE	E	E	E	E	SW	S	S
Wind movement	4	3	7	5	2	4	2	3	3	5	5	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	81	79	74	82	80	79	78	77	75	76	75	71
State of weather: Nature of precipitation and time of beginning and ending	R B 12:40 R E 12:51	R B 1:30 R E 1:40										
Amounts of precipitation	.42	T										
Cloudiness and other conditions					Cloudy			Partly Cloudy				
Sunset: Time, Character,									7:31 Cloudy			
Sunshine (in tenths of hours)	0.5	0.7	0	0.8	1.0	0.2	0	0				
Wind direction	S	SW	SW	SW	SW	SW	NE	NE	E	SE	S	SE
Wind movement	8	8	9	4	6	3	5	4	6	6	3	3

Maximum velocities (exceeding 25 miles) direction and time

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts	12:40 p	12:51 p	.42	12:40 p	12:50 p	0	.31	.42												

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	86	70	78	75

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .42 ins.

Total precipitation, midnight to midnight, .42 inches.

Character of day, Cloudy Moon phase, ☾ 10:47 p.m.

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 9.5

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 63

Prevailing direction Northeast

Total movement, 113

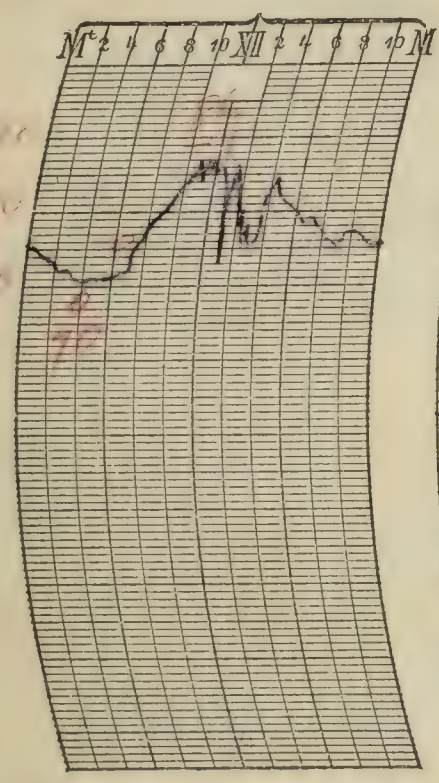
Average hourly velocity, 4.7

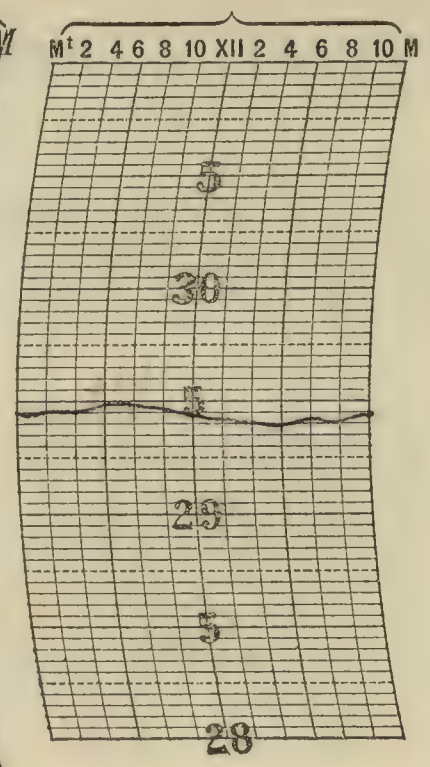
	Maximum velocity,	Direction,	Time.
Extreme wind	16	SE	12:45 p.m.
	17	SE	12:46 p.m.

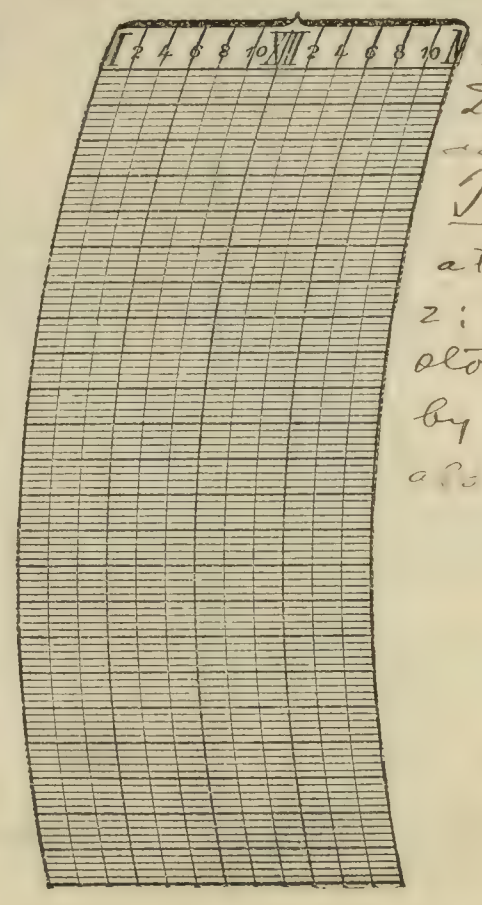
Relative humidity, 86 a. m. ____ p. m.

Reduced barometer, 30.07 a. m. ____ p. m.

River gage, 13.8, falling







NOTES.

Thunderstorm: First thunder heard D Ha; last thunder heard D Ha. Storm came from the NW.

Thunderstorm: First thunder heard at 12:38 p.m.; last thunder heard at 2:50 p.m.; storm came from SE. This storm was severe, and was attended by excessive precipitation as tabulated above.

Prepared by S. P. F.
Verified by S. P. F.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Monday, (Date) JUL 8 - 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	73	72	71	70	70	72	75	81	85	88	90
Temperature corrections						-1	-1			-1		
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Cloudy								
Sunrise: Time, Character,	4:31 Cloudy											
Sunshine (in tenths of hours)					1.0	0	0	0.6	1.0	1.0	1.0	1.0
Wind direction	SW	S	SE	S	S	SW	SW	SW	SW	SE	S	SW
Wind movement	4	4	2	3	4	3	6	4	2	4	5	[illegible]
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	90	91	93	85	85	85	81	78	77	75	[illegible]	[illegible]
Temperature corrections			-2									
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, Character,									7:10 Clear			
Sunshine (in tenths of hours)	0.8	1.0	1.0	0.8	1.0	1.0	0.9 / 0.1	.10 / 0				
Wind direction	SW	W	SW	SE	SE	SE	SE	S	S	S	S	S
Wind movement	4	4	5	6	10	8	8	6	8	6	4	3
Maximum velocities (exceeding 25 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
93	70		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) .3

Actual sunshine, hours, 11.7

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 78

Prevailing direction South

Total movement, 118

Average hourly velocity, 4.7

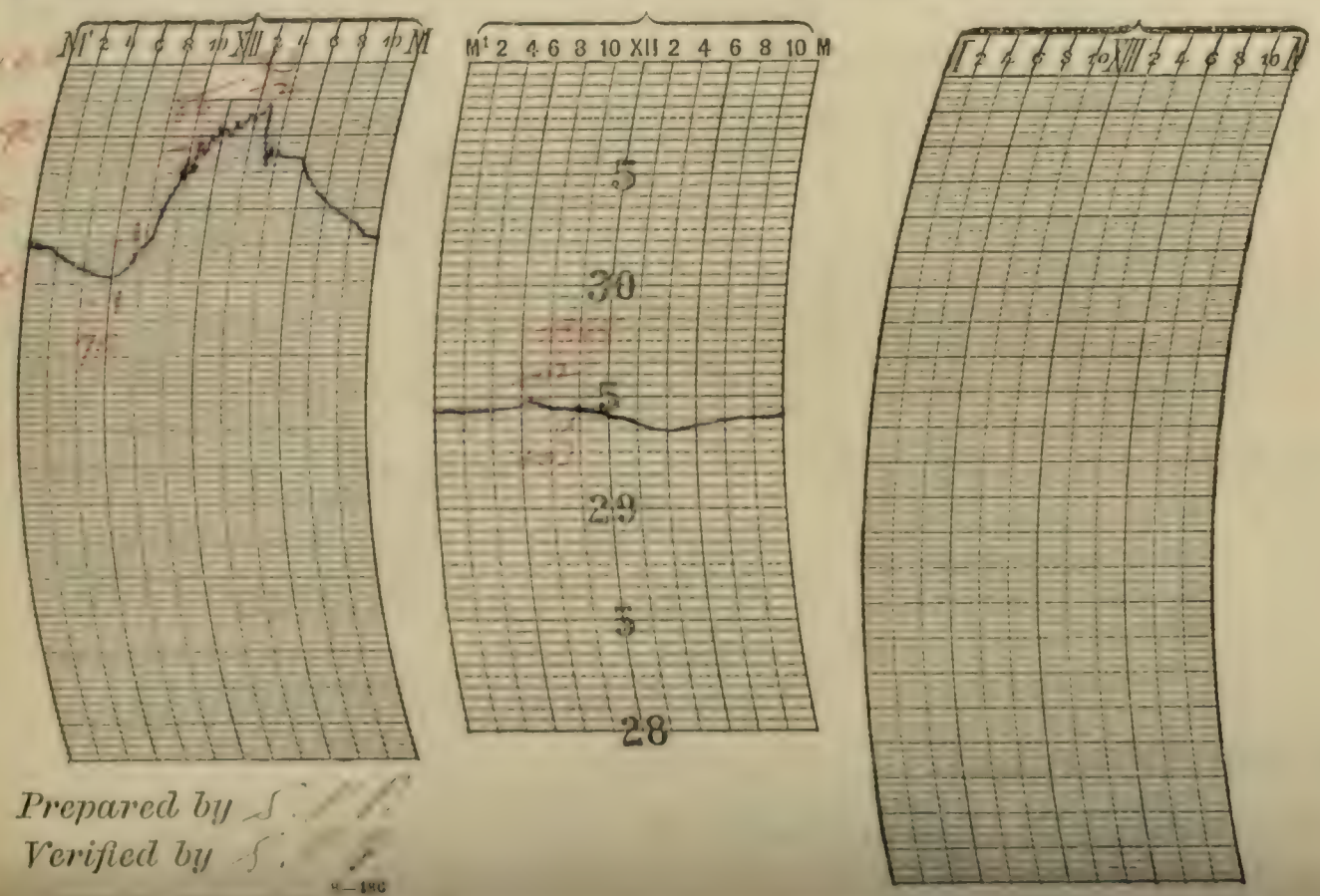
	Maximum velocity,	Direction,	Time.
	13	SE	8:37 p.m.
Extreme vel.	13	SE	8:37 p.m.

Relative humidity, 95 a. m. p. m.

Reduced barometer, 30.05 a. m. p. m.

River gage, 13.7 falling

NOTES.



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) JUL 9 - 1912, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	74	74	73	73	74	78	81	85	89	90	90	92	94	94	92	88	86	83	81	79	79	78	78
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Lesson visible					Clear							Partly cloudy											
	Sunrise: Time, 4:32 Character, Clear																				Sunset: Time, 7:30 Character, Clear			
Sunshine (in tenths of hours)					.47 0	1.0 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.7 0.3	.50 0				
Wind direction	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S	SW	SW
Wind movement	2	3	2	6	7	8	7	10	9	7	11	9	9	9	9	11	11	10	10	8	7	10	10	11
Maximum velocities (exceeding 25 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
94	73	84	75

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, Clear Moon phase, ____

Average daily cloudiness (0-10) 3

Actual sunshine, hours, 14.8

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 99

Prevailing direction Southwest

Total movement, 198

Average hourly velocity, 8.2

Maximum velocity,	Direction,	Time.
14	SW	10:19 am

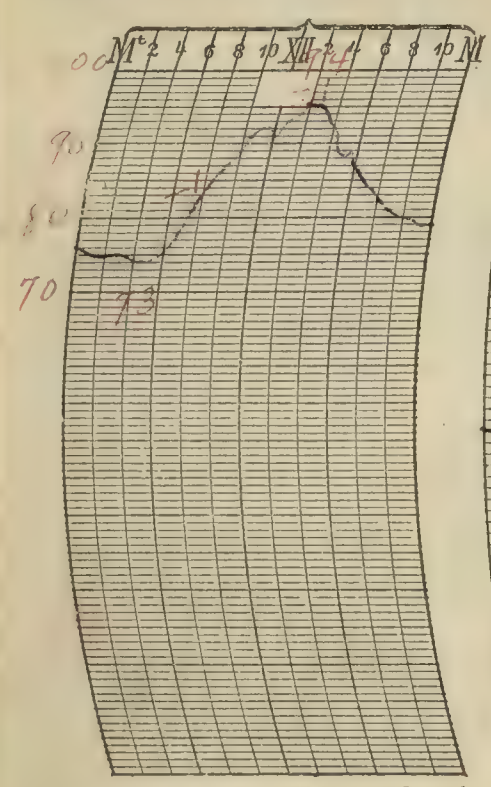
Extreme Vel. 14 - SW - 10:19 am

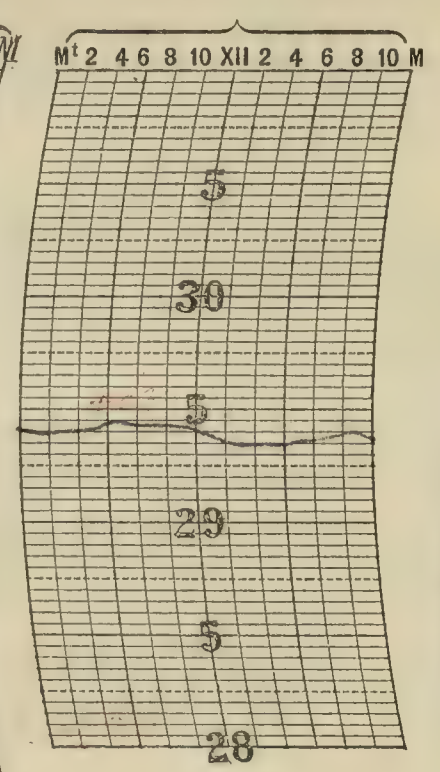
Relative humidity, 83 a. m. ____ p. m.

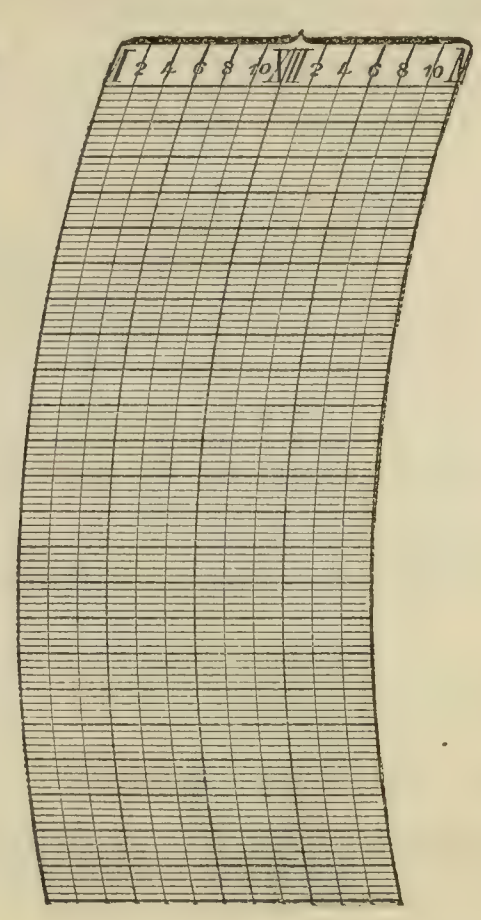
Reduced barometer, 30.02 a. m. ____ p. m.

River gage, 14.0, rising

NOTES.







Prepared by S. P. P.
Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) JUL 10 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	77	77	79	78	68	68	67	73	76	80	80	82
Nature of precipitation and time of beginning and ending			RB 2:41					RE 7:05				
Amounts of precipitation			.05	.01	T	.08	.07	T				
Cloudiness and other conditions			Cloudy									
Sunshine (in tenths of hours)					0	0	0	0	0.7	1.0	0.3	1.0
Wind direction	SW	SW	SW	NE	NE	W	SW	SE	W	SW	W	W
Wind movement	7	5	13	5	2	9	11	9	8	11	8	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	82	83	84	85	84	83	81	78	77	76	74	72
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0.4	0.2	1.0	1.0	1.0	0	0	0				
Wind direction	NW	NW	NW	NW	NW	NW	NW	N	N	N	N	N
Wind movement	9	8	9	8	4	4	2	2	1	1	.5	1

Sunrise: Time, 4:23; Character, Cloudy

Sunset: Time, 7:30; Character, Cloudy

Maximum velocities (exceeding 25 miles) direction and time: 28 NW 2:31 am

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	85	68	76	75

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .21 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .21 inches.

Character of day, Cloudy; Moon phase,

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 6.6

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 44

Prevailing direction Northwest

Total movement, 156

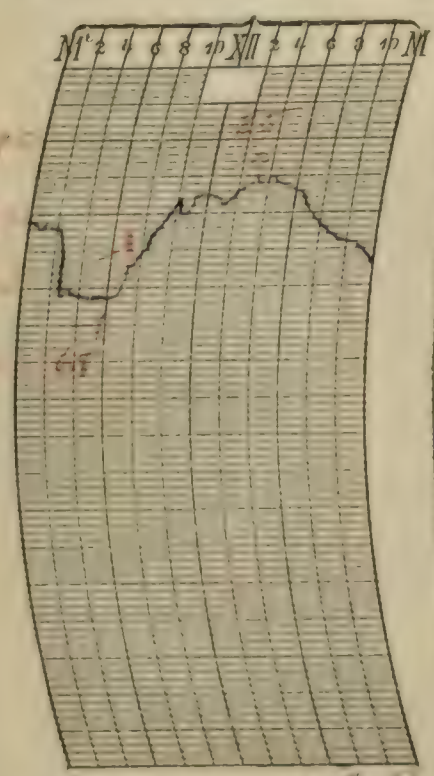
Average hourly velocity, 6.5

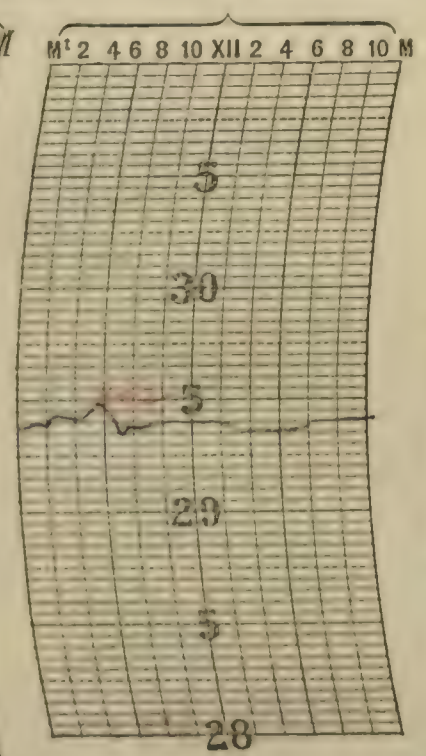
	Maximum. velocity,	Direction.	Time.
	28	NW	2:31 am
Extreme vel.,	31	NW	2:31 am

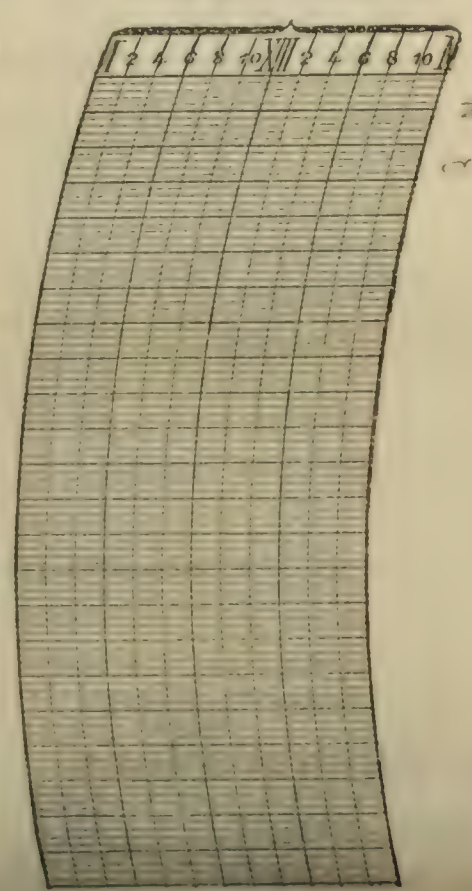
Relative humidity, 81 a. m. ____ p. m.

Reduced barometer, 29.95 a. m. ____ p. m.

River gage, 14.0, 8 a. m.







NOTES.

Thunderstorm: First thunder heard at 2:40 am; last heard at 6:10 am; storm came from SW.

Prepared by S. C. H.

Verified by C. C. K.

8—186

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) JUL 11 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	69	66	64	64	66	68	72	76	79	82	81
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Moon visible					Clear						
Sunshine (in tenths of hours)					.45 0	1.0 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0
Wind direction	N	N	N	NW	NW	N	N	N	N	N	NW	N
Wind movement	7	3	4	3	2	2	4	5	4	3	3	4

Sunrise: Time, 4:33 Character, Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	84	85	85	84	82	81	79	76	72	70	68	67
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			*PC*		Clear							
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	1.0 0	.48 0				
Wind direction	W	W	W	NW	W	NW	NW	NW	NW	NW	NE	NE
Wind movement	5	5	7	4	5	6	2	2	2	3	5	4

Sunset: Time, 7:29 Character, Clear

Maximum velocities (exceeding 25 miles) direction and time

Maximum.	Minimum.	Mean.	Normal.
86	64	75	70

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 2

Actual sunshine, hours, 14.9

Possible sunshine, hours, 14.9

Percentage of possible sunshine, 100

Prevailing direction Northwest

Total movement, 94

Average hourly velocity, 3.9

Maximum velocity,	Direction,	Time.
8	N	12:52 am

Extreme vel., 8 - N - 12:52 am

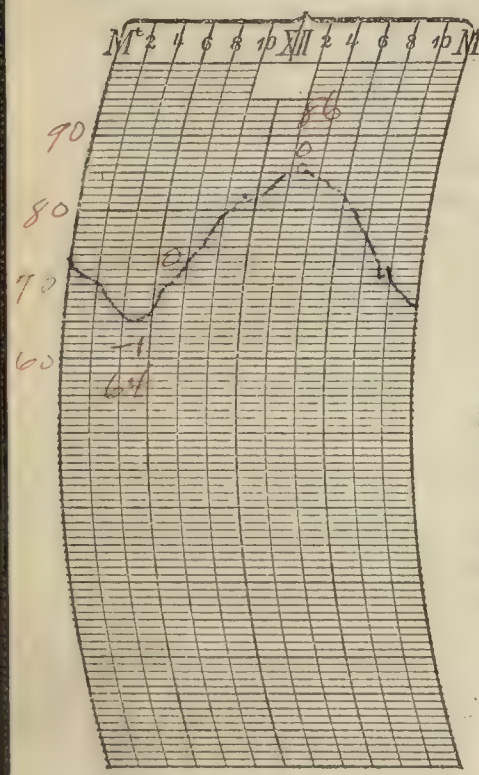
Relative humidity, 77 a. m. p. m.

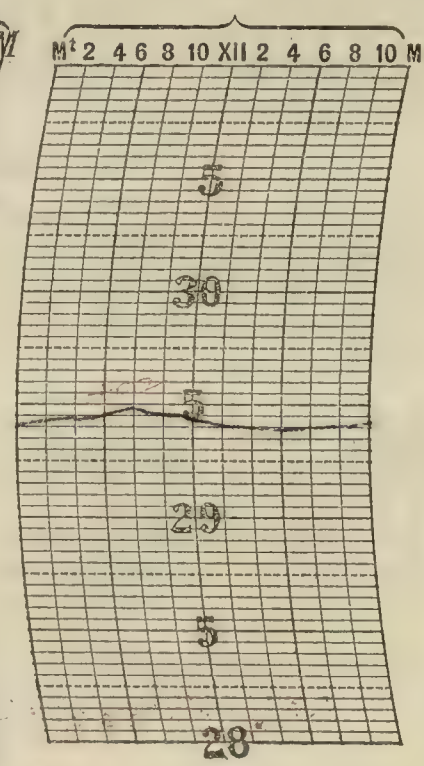
Reduced barometer, 30.05 a. m. p. m.

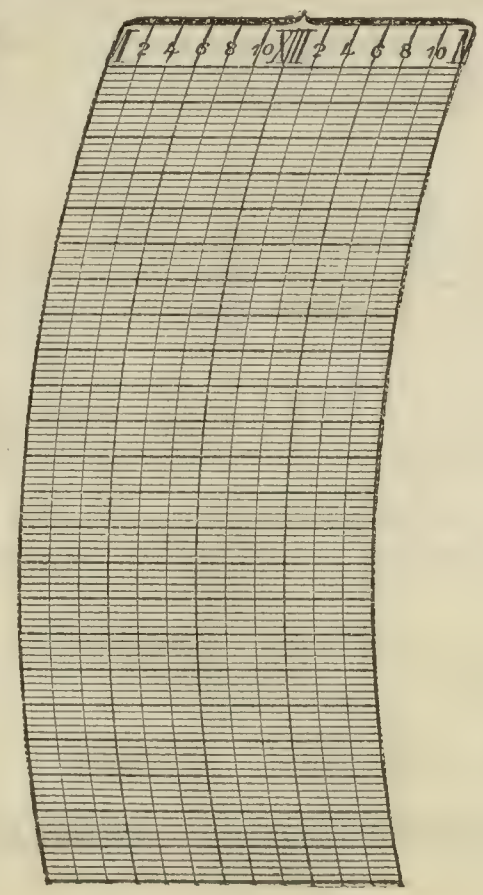
River gage, 14.0, on a stand

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.







NOTES.

Prepared by S. P. P.
Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) JUL 12 1912, 191

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	65	64	63	63	63	64	64	65	71	75	75	75
State of weather: Nature of precipitation and time of beginning and ending								RB 7:05	RE 8:10	RB 9:15 RE 7:35		RB 11:19 RE 11:40
Amounts of precipitation								T	T	T		T
Cloudiness and other conditions				~~Clr~~	fog	Cloudy						
Sunrise: Time, 4:34 Character, Cloudy												
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	E	E	NE	NE	NE	NE	NE	NE	SE	SE	S	S
Wind movement	3	4	2	2	1	2	2	3	2	3	1	1

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	77	80	81	83	82	82	80	78	78	78	77	75
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		x	Pt	Cloudy	x	Clear						
Sunset: Time, 7:29 Character, Clear												
Sunshine (in tenths of hours)	0.5	0.6	1.0	1.0	0.9	1.0	0.7 0.3	.45 0				
Wind direction	SE	SE	S	SW	*W	SW	S	S	S	SW	SW	SW
Wind movement	6	4	9	12	13	13	10	7	7	14	12	13

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
83	63	74	—

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 5

Actual sunshine, hours, 6.5

Possible sunshine, hours, 14.9

Percentage of possible sunshine, 44

Prevailing direction Northeast to South

Total movement, 166

Average hourly velocity, 6.7

Maximum velocity,	Direction,	Time.
17	SW	5:23 p. m.

Extreme vel., 17 SW - 5:23 p. m.

Relative humidity, 96 a. m. p. m.

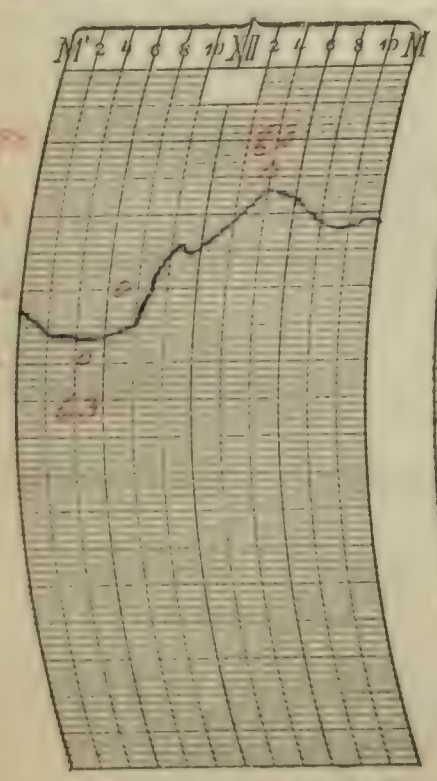
Reduced barometer, 29.97 a. m. p. m.

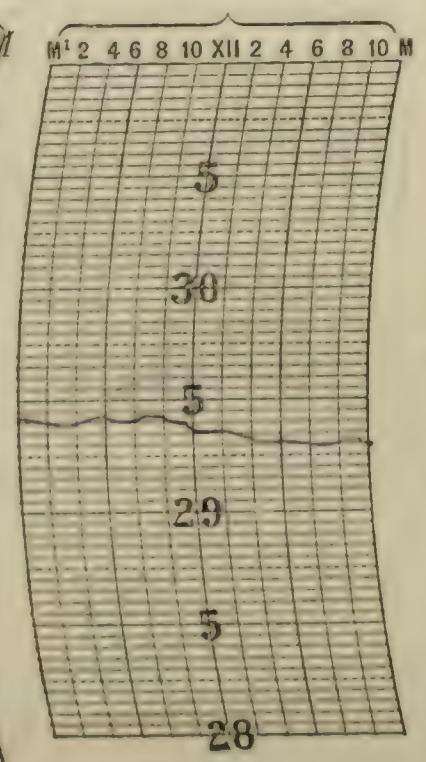
River gage, 14.0, Decreased

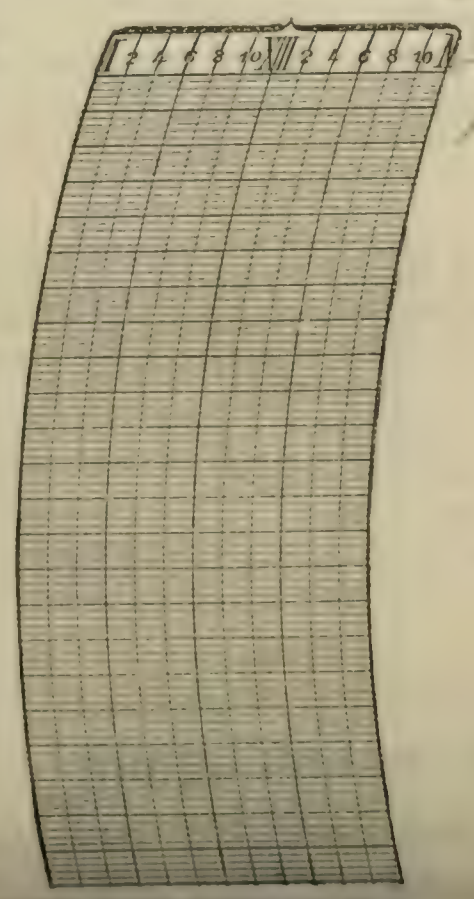
x Data not collected.

NOTES.

Pt fog formed Pt Ua and ended at 15 min.







Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) JUL 1 3 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	78	78	79	79	77	78	79 (-1)	75	77	79	80	79
State of weather: Nature of precipitation and time of beginning and ending							RB 6:50		RE 8:25			RB 11:45
Amounts of precipitation							T	.05	T			T
Cloudiness and other conditions							Cloudy					
Sunrise: Time, Character, 4:35 Cloudy					.22	0.6	0.2					
Sunshine (in tenths of hours)					0	0	0	0	0	0.4	0.9	0.1
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	SW	SW	SW	SW
Wind movement	17	19	16	15	12	14	19	17	9	14	13	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	81	83	85	86 (-2)	86	85	82	79	75	72		
State of weather: Nature of precipitation and time of beginning and ending	RE 12:20											
Amounts of precipitation	T											
Cloudiness and other conditions				Clear								
Sunset: Time, Character, 7:28 Clear							0.5	.47				
Sunshine (in tenths of hours)	0	0.7	0.9	1.0	1.0	1.0	0.5	0				
Wind direction	W	W	W	W	W	NW	NW	NW	0	NW	NW	NW
Wind movement	7	6	6	6	7	6	3	2	0	1	1	1

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

/ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
87	70	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .05 ins.

Total precipitation, midnight to midnight, .05 inches.

Character of day, Pt Cldy Moon phase,

Average daily cloudiness (0-10) 6

Actual sunshine, hours, 8.7

Possible sunshine, hours, 14.9

Percentage of possible sunshine, 58

Prevailing direction Southwest

Total movement, 221

Average hourly velocity, 9.2

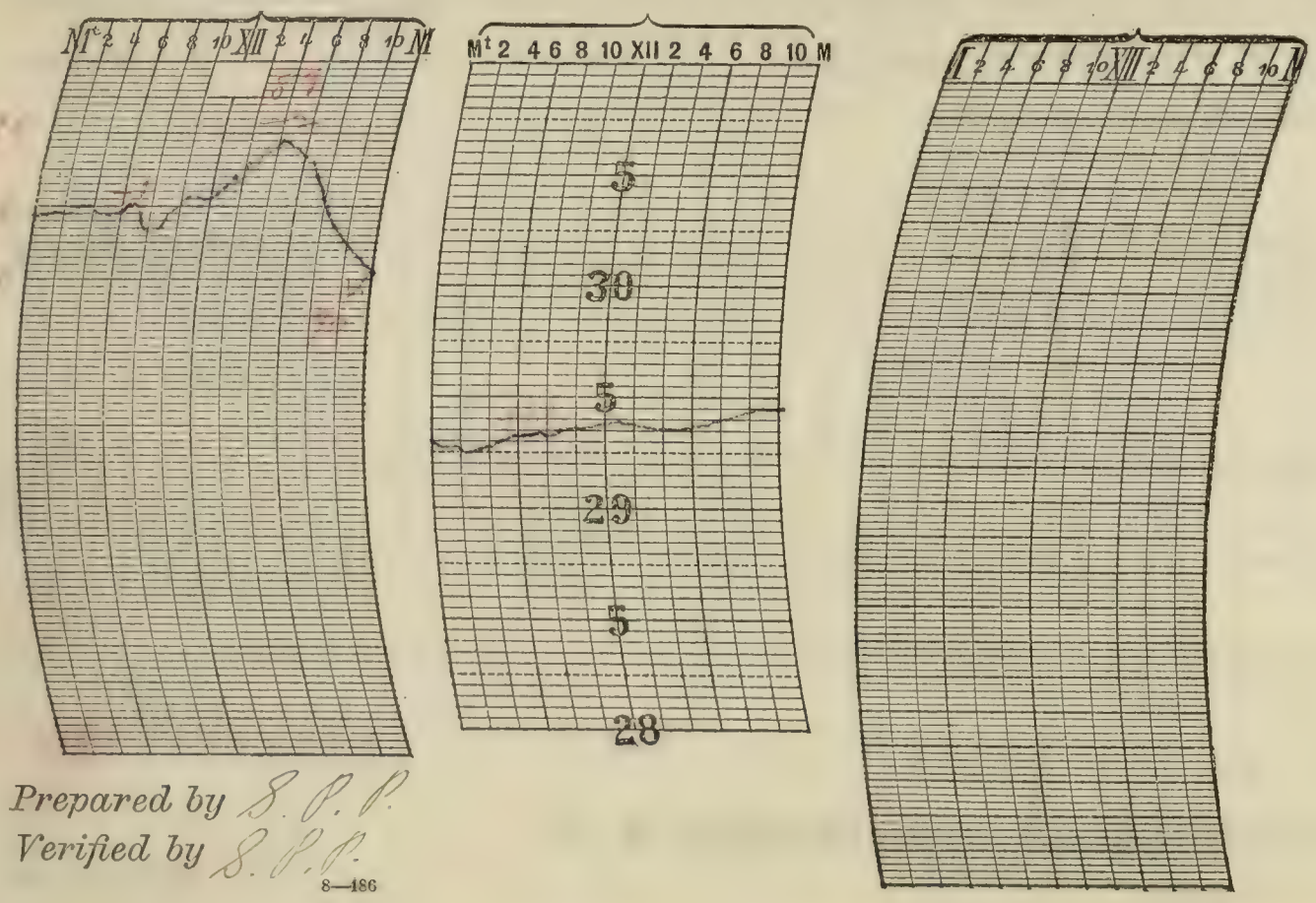
Maximum velocity,	Direction,	Time.
24	W	7:18 am
Extreme vel. 25	W	7:20 am

Relative humidity, 81 a. m. p. m.

Reduced barometer, 29.88 a. m. p. m.

River gage, 14.1, falling

NOTES.



Prepared by S. P. P.

Verified by S. P. P.

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) JUL 14 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	68	66	65	65	69	70	80	85	87	89	92	94	94	94	93	93	92	90	88	85	82	82	82
					-1		-1							-1										
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Character and other conditions			Intermittent →								Clear ✓													
Sunshine (in tenths of hours)	Sunrise: Time, 4:36; Character, Clear				.40 0	1.0 0	.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.7 0.3	.47 0	Sunset: Time, 7:28; Character, Clear			
Wind direction	W	O	W	W	W	W	W	W	SW	SW	SW	SE	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	1	0	1	1	1	1	1	2	2	3	3	4	6	9	10	11	12	13	10	9	6	5	4	7
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amount

Maximum.	Minimum.	Mean.	Normal.
94	65	82	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 ins.

Character of day, Clear. Moon phase, [illegible]

Average daily cloudiness (0-10), 0.0

Actual sunshine, hours, 14.9

Possible sunshine, hours, 14.9

Percentage of possible sunshine, 100

Prevailing direction, Southwest

Total movement, 122

Average hourly velocity, 5.1

	Maximum velocity.	Direction.	Time.
	17	SW	5:11 p.m.
Extreme	17	SW	5:13 p.m.

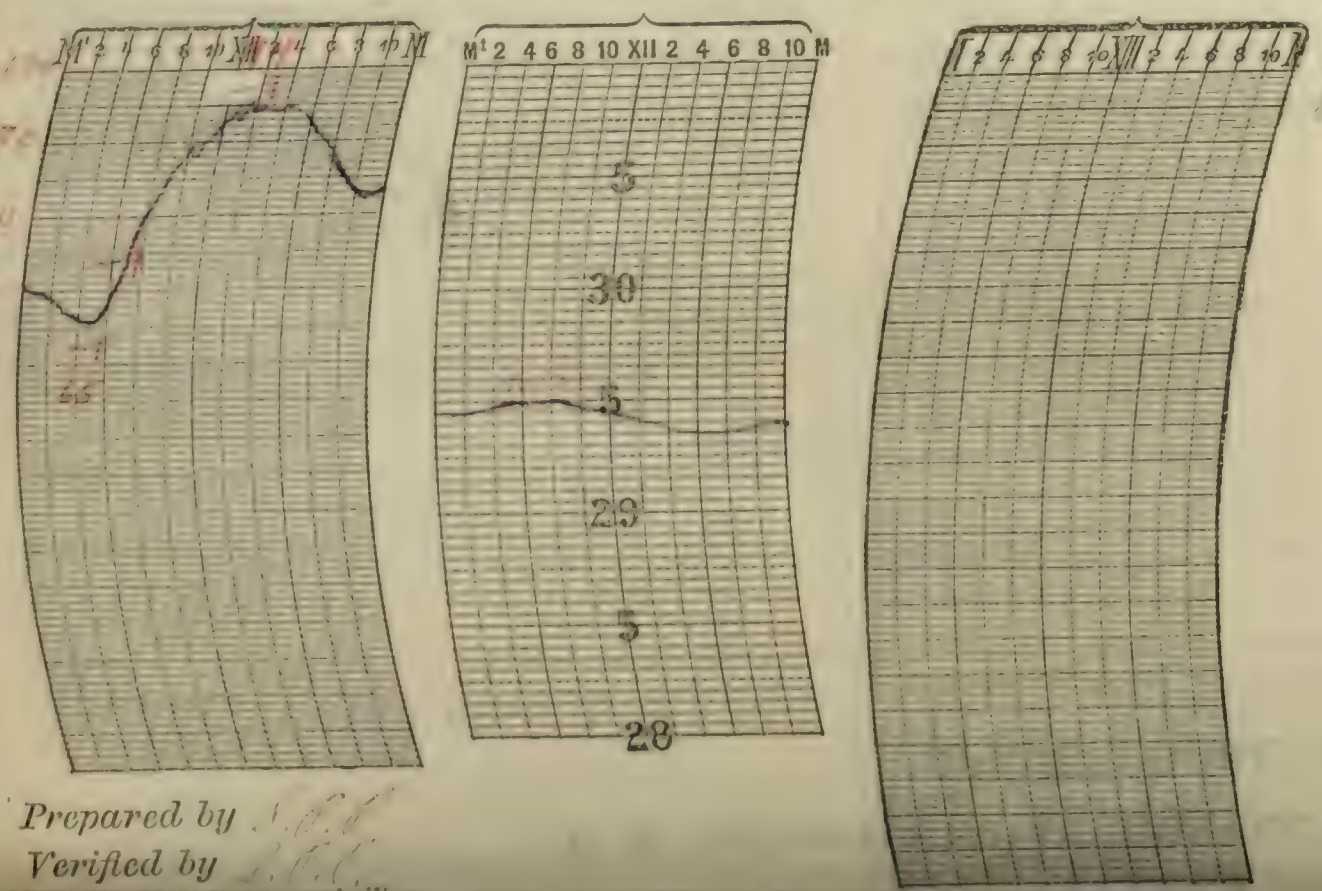
Relative humidity, 96 a. m. ____ p. m.

Reduced barometer, 29.97 a. m. ____ p. m.

River gage, 14.1, Overflowed

NOTES.

Light rain prevailed from 2 to 8 a.m.



Prepared by [illegible]

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) JUL 1 5 1912, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	83	83	83	81	79	76	75	74	71	73	74	76	77	76	76	75	75	74	67	63	60	57	56	55
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Clear				*Pt Cl*		Clear								*Pt Cldy*		Clear			
Sunshine (in tenths of hours)	Sunrise: Time, 4:36 Character, Clear				.40 0	1.0 0	0.9	1.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.4	.45 0	Sunset: Time, 7:27 Character, Clear			
Wind direction	SW	SW	SW	W	W	W	W	W	N	NE	N	N	N	N	NE	NE	NE	NE	NE	NE	NE	NE	E	NE
Wind movement	10	10	10	10	9	10	10	11	11	14	11	9	11	12	12	11	12	10	9	14	9	7	5	7
Maximum velocities (exceeding 25 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
83	55	69	76

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 2

Actual sunshine, hours, 14.4

Possible sunshine, hours, 14.8

Percentage of possible sunshine, 97

Prevailing direction Northeast

Total movement, 244

Average hourly velocity, 10.2

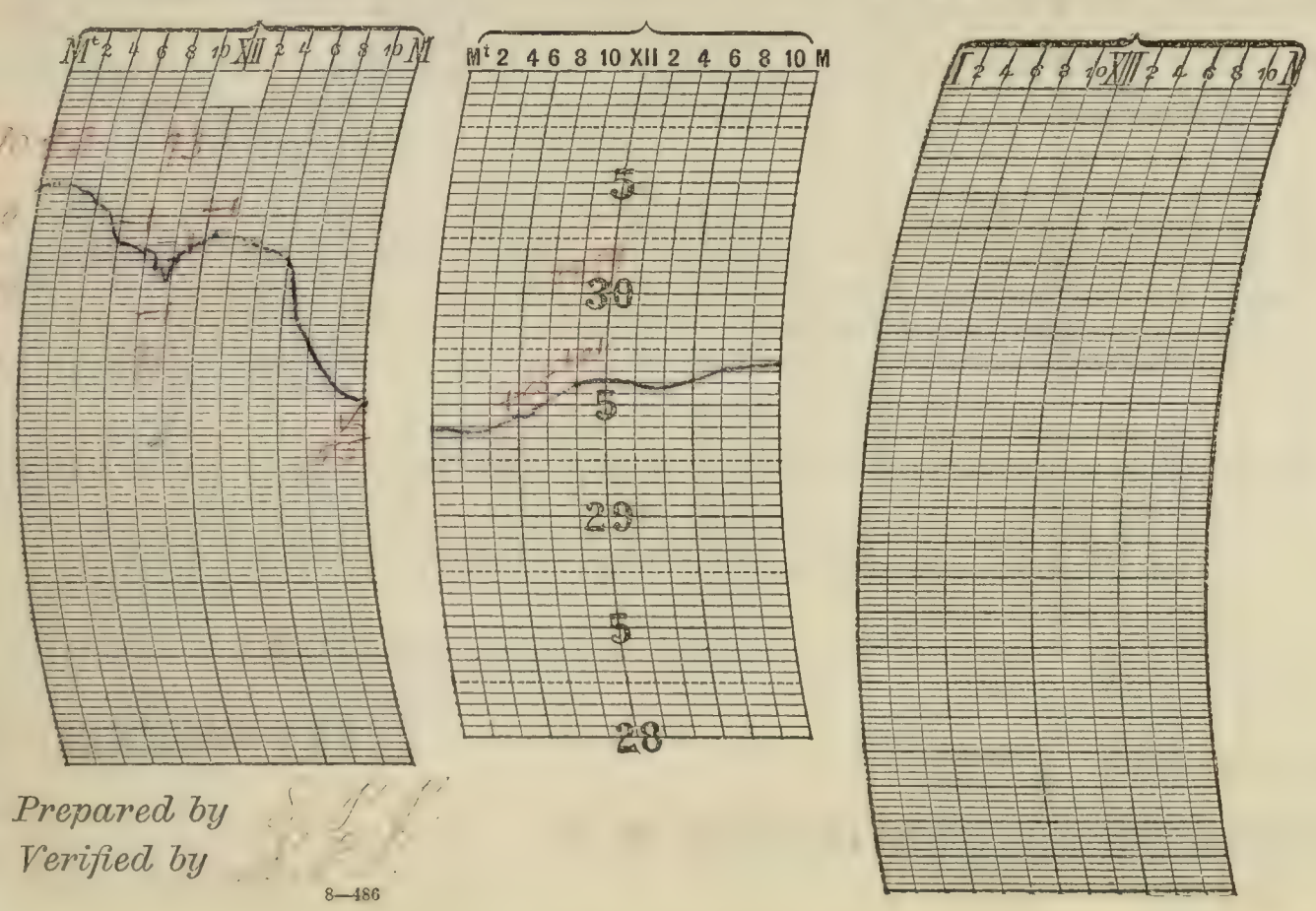
Maximum velocity,	Direction,	Time.
16	NE	9:00 am
Extreme Vel., 17	E	7:20 pm

Relative humidity, 72 a. m. p. m.

Reduced barometer, 30.06 a. m. p. m.

River gage, 14.0, falling

NOTES.



Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) JUL 16 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	53 (+1)	54	54	54	55	56 (0)	62	66	71	74	74
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									Cloudy			
Sunshine (in tenths of hours)					0	0	0	0.4	1.0	1.0	1.0	0.5
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E
Wind movement	7	7	7	7	7	8	8	8	10	8	7	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	76	78 (0)	78	78	77	71	68	66	64	62	60
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Partly Clear						Clear visibe.			
Sunshine (in tenths of hours)	0.9	0.6	1.0	1.0	0.7	1.0	1.0 (0)	.43 (0)				
Wind direction	E	NE	E	E	E	E	E	NE	NE	NE	NE	NE
Wind movement	5	4	5	6	6	6	7	6	7	5	7	6

State of weather:

Sunrise: Time, 4:37 Character, Cloudy

Sunset: Time, 7:26 Character, Clear

Maximum velocities (exceeding 25 miles) direction and time:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
79	53	66	76

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day: Clear Moon phase: 16

Average daily cloudiness (0-10): 10.5

Actual sunshine, hours, 14.8

Possible sunshine, hours, 71

Percentage of possible sunshine,

Prevailing direction: Northeast

Total movement, 162

Average hourly velocity, 6.8

Maximum. velocity,	Direction,	Time.
12	NE	8:28 am

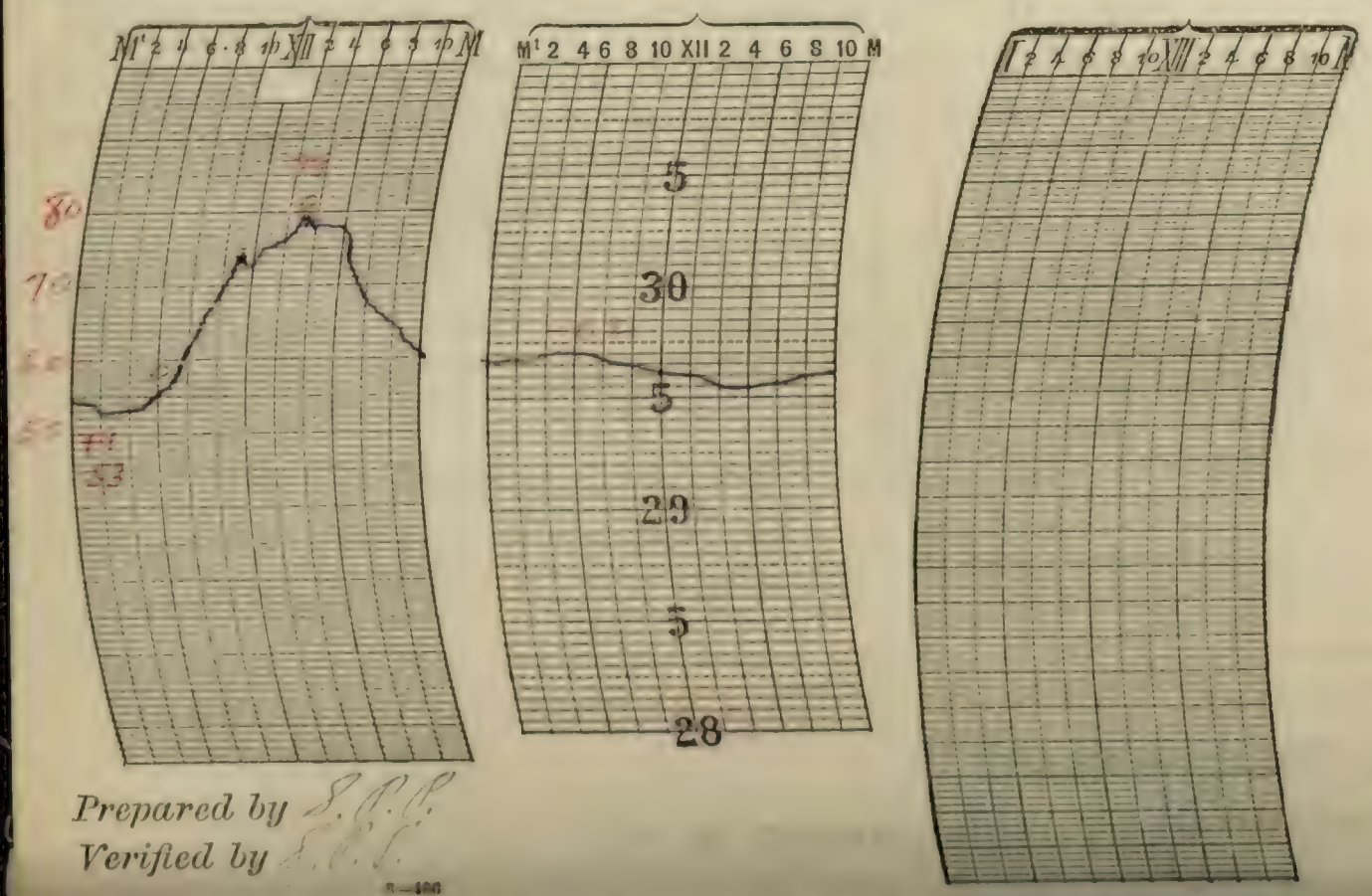
Extreme vel. 12 NE 8:28 am

Relative humidity, 75 a. m. p. m.

Reduced barometer, 30.25 a. m. p. m.

River gage, 13.8 falling

NOTES.



Prepared by S. C. C.

Verified by S. C. C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) JUL 17 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	58	57	56	55	57	60	68	75	78	81	82
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions											Clear	
Sunshine (in tenths of hours)					.37 0	1.0 0	0.7 0.3	1.0	1.0	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	E	E	SE	NE
Wind movement	5	5	4	5	4	5	4	4	3	4	4	4
Maximum velocities (exceeding 25 miles) direction and time												

Sunrise: Time, 4:39 Character, Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	85	86	86	86	86	84	80	74	72	70		
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear								Moon visible			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.4	.43 0				
Wind direction	W	NW	NW	NW	NE	NE	NE	NE	E	E	E	N
Wind movement	5	5	6	6	7	4	4	6	6	4	2	5
Maximum velocities (exceeding 25 miles) direction and time												

Sunset: Time, 7:26 Character, Clear

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
87	55	71	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), Low

Actual sunshine, hours, 14.8

Possible sunshine, hours, 14.8

Percentage of possible sunshine, 100

Prevailing direction Northeast

Total movement, 111

Average hourly velocity, 4.6

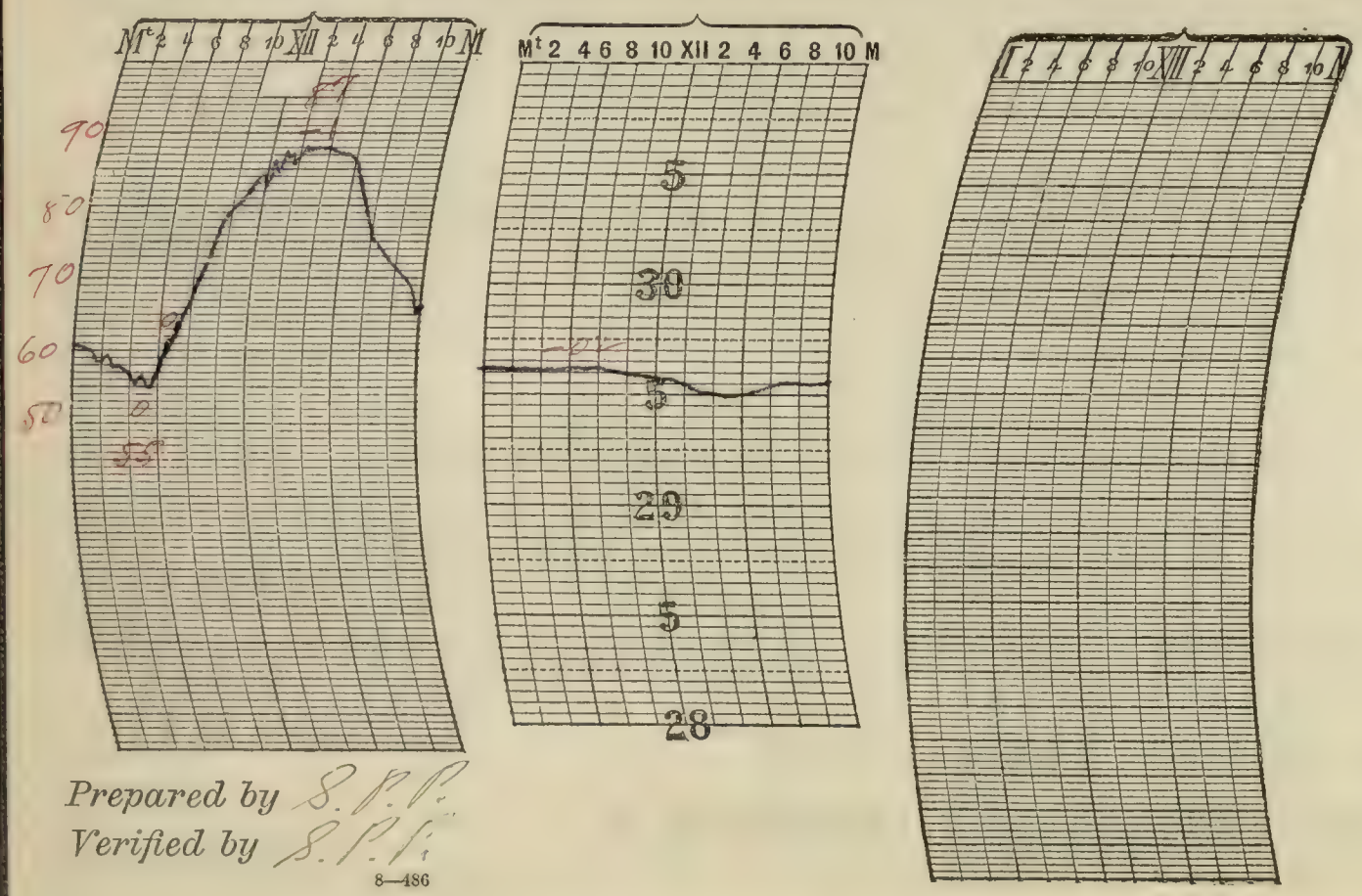
Maximum velocity,	Direction,	Time.
10	E	7:57 pm
Extreme vel. 10	E	7:57 pm

Relative humidity, 73 a. m. p. m.

Reduced barometer, 30.16 a. m. p. m.

River gage, 14.0 [illegible]

NOTES.



Prepared by S. P. P.
Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) JUL 18 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	64	65	66	66	67	69 (0)	70	69 RB 5:50	69 RE 9:45	74	77
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation									T	T		
Cloudiness and other conditions				Pt Cldy			x Cloudy				x Pt Cldy	
Sunrise: Time, 4:39 Character, Cloudy												
Sunshine (in tenths of hours)					1.5 0	0.5 0	0.4 0.2	0	0	0.2	0.8	1.0
Wind direction	N	N	N	NE	N	N	N	N	N	N	N	N
Wind movement	4	1	2	6	3	7	7	6	7	9	7	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	79	80	81	81 (0)	78	76	72	68	64	60	57	7
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					x Clear						Clear with haze	
Sunset: Time, 7:25 Character, Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	x 1.0	0.8 0.2	.42 0				
Wind direction	NW	NW	NW	NW	N	N	N	NE	NE	NE	E	NE
Wind movement	11	12	12	11	11	10	8	6	8	10	6	5

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
81	57	69	76

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cldy, Moon phase,

Average daily cloudiness (0-10) 5

Actual sunshine, hours, 10.7

Possible sunshine, hours, 14.8

Percentage of possible sunshine, 72

Prevailing direction North

Total movement, 178

Average hourly velocity, 7.4

Maximum velocity,	Direction,	Time.
16	NW	12:40 p. m.

Extreme vel. 16 – NW – 12:40 p. m.

Relative humidity, 74 a. m. p. m.

Reduced barometer, 30.25 a. m. p. m.

River gage, 14.3, falling

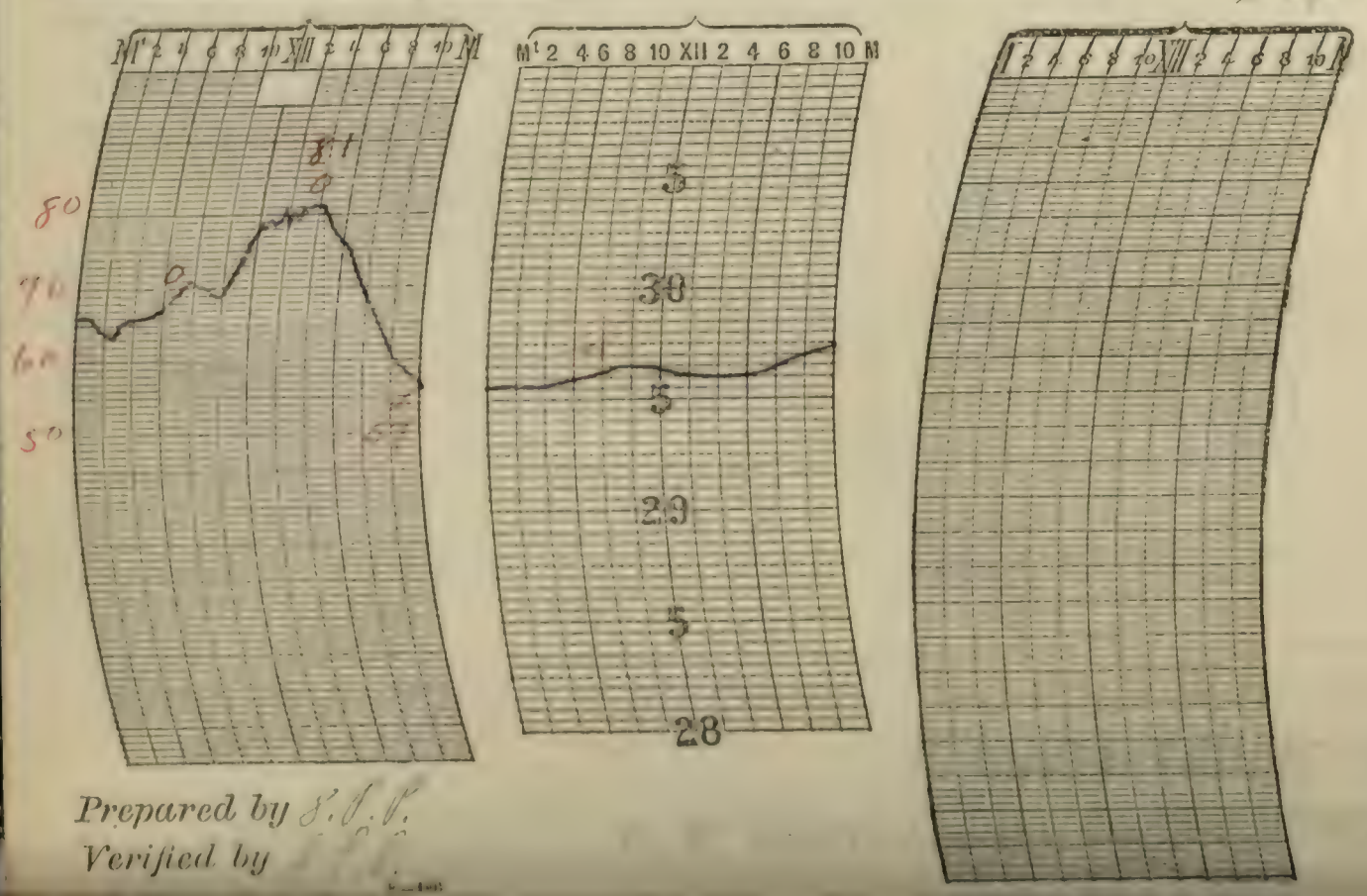
Excessive precipitation, accumulated amount:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

x Top of thermometer.

NOTES.



Prepared by S. J. V.

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) JUL 19 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	56	56	53	52	+1 52	54	0 56	66	68	68	70	70
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear			* PtC *			Cloudy	
Sunrise: Time, Character	4:40 Clear											
Sunshine (in tenths of hours)					.33 0	1.0 0	.06 0.4	1.0	1.0	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	E	E	E	E	E	E	SE
Wind movement	3	3	5	4	5	5	6	7	11	11	8	8
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	71	0 72	71	70	69	68	0 66	63	63	62	62	62
State of weather: Nature of precipitation and time of beginning and ending							RB 6:30	RE 7:45	RB 8:10 RE 9:00			
Amounts of precipitation							T	T	T			
Cloudiness and other conditions												
Sunset: Time, Character									7:24 Cloudy			
Sunshine (in tenths of hours)	0.3	× 0.9	× 0	× 0	× 0	0	0	0				
Wind direction	SE	× SE	× SE	× SE	× SE	SE	SE	E	E	E	E	E
Wind movement	7	* 9	* 7	* 5	* 4	3	3	3	5	5	5	5
Maximum velocities (exceeding 25 miles) direction and time												

Maximum.	Minimum.	Mean.	Normal.
72	51	62	76

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 8.5

Possible sunshine, hours, 14.7

Percentage of possible sunshine, 58

Prevailing direction East

Total movement, 137

Average hourly velocity, 5.7

Maximum velocity, ϕ 14 Direction, E Time, 9:02 am

~~Extreme vel.~~ ϕ 14 E 9:02 am

Relative humidity, 85 a. m. p. m.

Reduced barometer, 30.34 a. m. p. m.

River gage, 14.2, falling

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

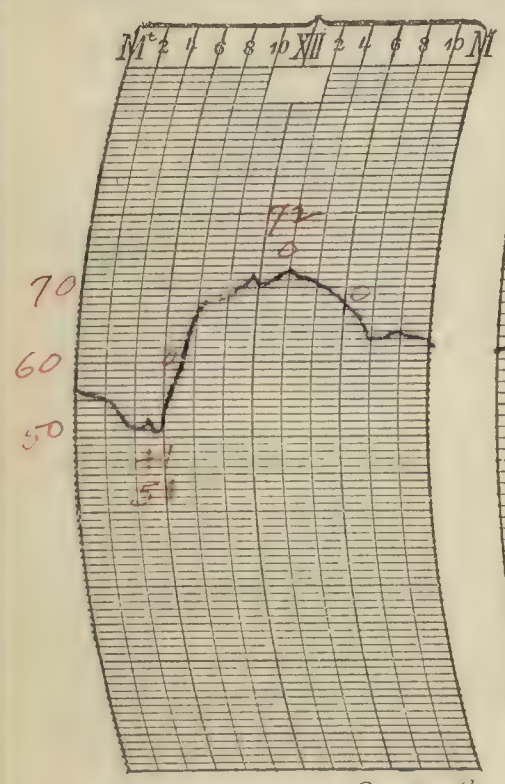
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

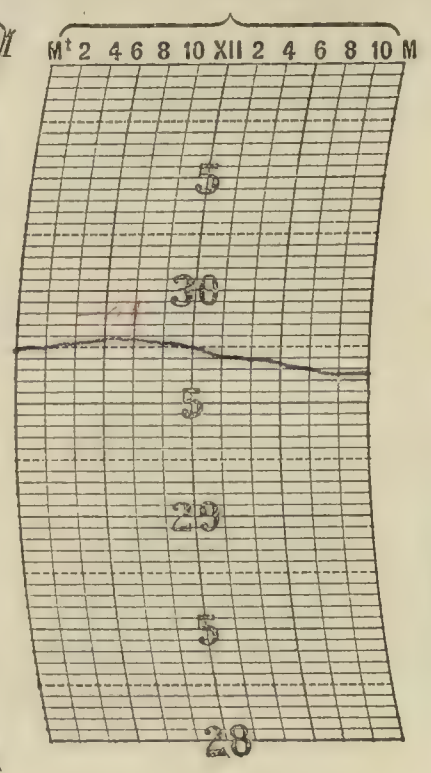
5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

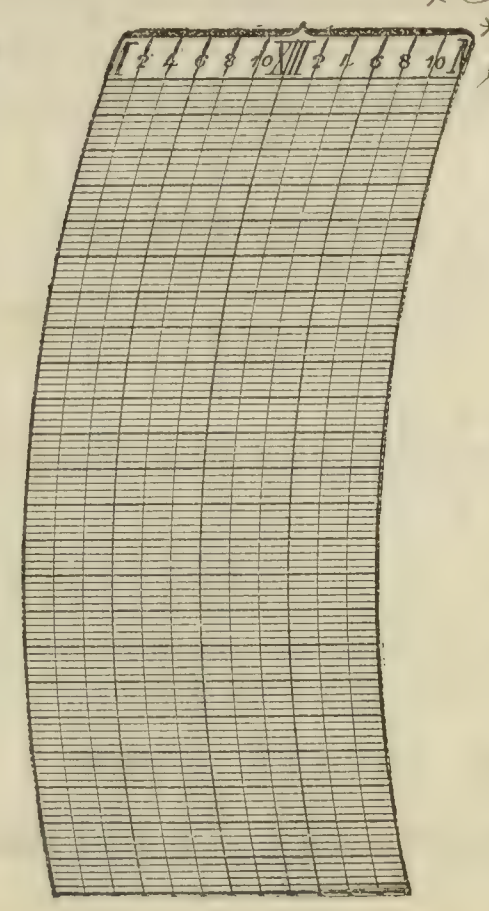
Excessive precipitation, accumulated amounts

× Eye observation.
* Interpolated.
ϕ For 20 13/15 hrs.

NOTES.







Prepared by S. P. S.
Verified by S. P. S.

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) JUL 20 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	57	57	56	56	58	60 (-1)	65	72	77	80	85
State of weather: Nature of precipitation and time of beginning and ending		RB2Ha		RE2Ha								
Amounts of precipitation	.01	.01	.01	.01	.01							
Cloudiness and other conditions					Cloudy					* Pt Cldy		
Sunrise: Time, Character,	4:41 Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0.3	0.9	1.0	1.0
Wind direction	E	E	E	E	E	E	E	E	SE	S	SW	SW
Wind movement	6	4	7	7	7	7	7	7	5	8	13	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	85	88	89	90 (-1)	87	85	75	74	72	71	71	72
State of weather: Nature of precipitation and time of beginning and ending									RB 8:40			
Amounts of precipitation									T	.07	.02	.06
Cloudiness and other conditions					*	Cloudy						
Sunset: Time, Character,									7:24 Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.5	0	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	E	E	W	SW	W
Wind movement	15	14	19	20	20	17	14	5	6	4	1	0

Maximum velocities (exceeding 25 miles) direction and time: 4:05 SW 25

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
90	56	73	75

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .05 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .20 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 7.7

Possible sunshine, hours, 14.7

Percentage of possible sunshine, 52

Prevailing direction, East & Southwest

Total movement, 228

Average hourly velocity, 9.5

Maximum velocity,	Direction,	Time.
25	SW	4:05 pm
Extreme vel. 26	SW	4:03 pm

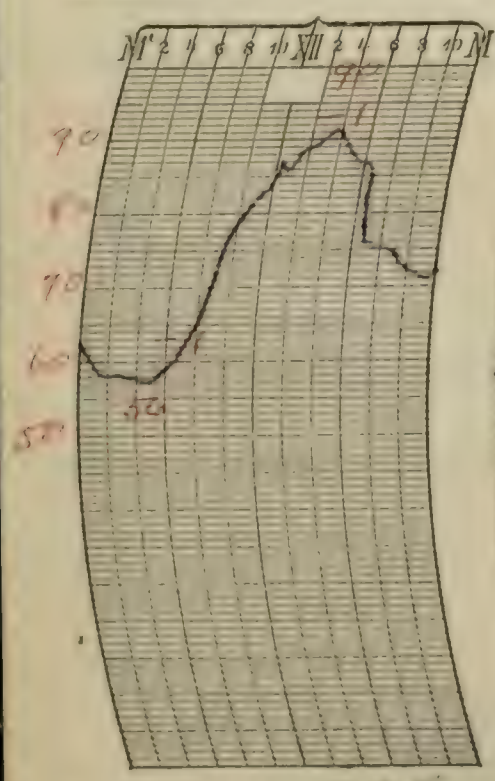
Relative humidity, 84 a. m. p. m.

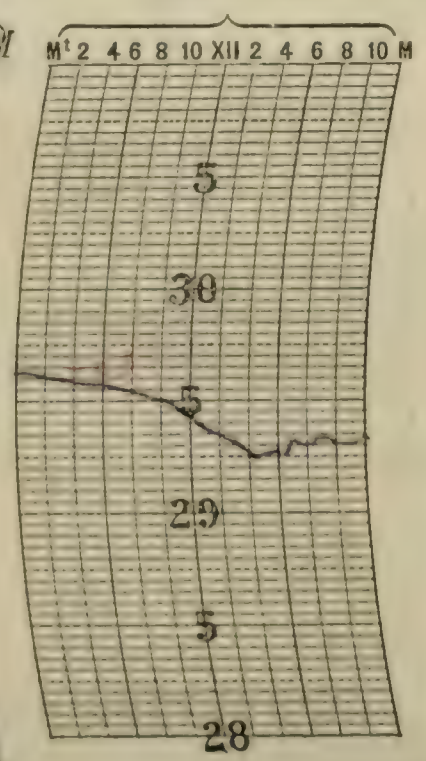
Reduced barometer, 30.10 a. m. p. m.

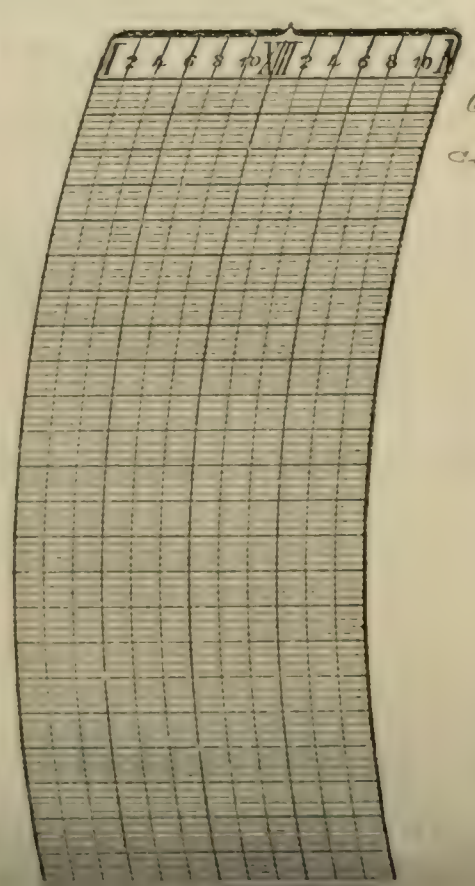
River gage, 14.8 feet

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.







NOTES.

Thunderstorm: First thunder heard at 6:50 pm; continued into next day. Storm came from S.W.

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) JUL 21 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	71	70	70	70	70 RE 5:30	71	74	74	70	71	74	73	73	74	73	72	72	71	70	70	67	67	
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation	.11	T	.11	.07	.02	.05																		
Cloudiness and other conditions				Cloudy									* Partly Cloudy											
Sunshine (in tenths of hours)					0	0	0.3 0	0.2	0	0	0.5	0.9	0.8	0.6	0.2	0	0	0	0	0				
Wind direction	SW	W	SW	SW	SW	SW	SW	W	W	N	N	N	NW	N	N *	NW	N	N	N	NE	NE	NE	NE	NE
Wind movement	6	7	9	10	11	7	5	8	10	11	8	9	9	9	7	7	7	4	4	3	6	5	5	3

Sunrise: Time, 4:42 Character, Cloudy

Sunset: Time, 7:23 Character, Cloudy

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
74	66		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .51 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .36 inches.

Character of day, Cloudy Moon phase, D 11:18 a.m.

Average daily cloudiness (0-10) 7

Actual sunshine, hours, 3.5

Possible sunshine, hours, 14.7

Percentage of possible sunshine, 24

Prevailing direction North

Total movement, 170

Average hourly velocity, 7.1

Maximum velocity,	Direction,	Time.
13	N	9:35 am
Extreme Vel. 13	N	9:35 am

Relative humidity, 95 a. m. ____ p. m.

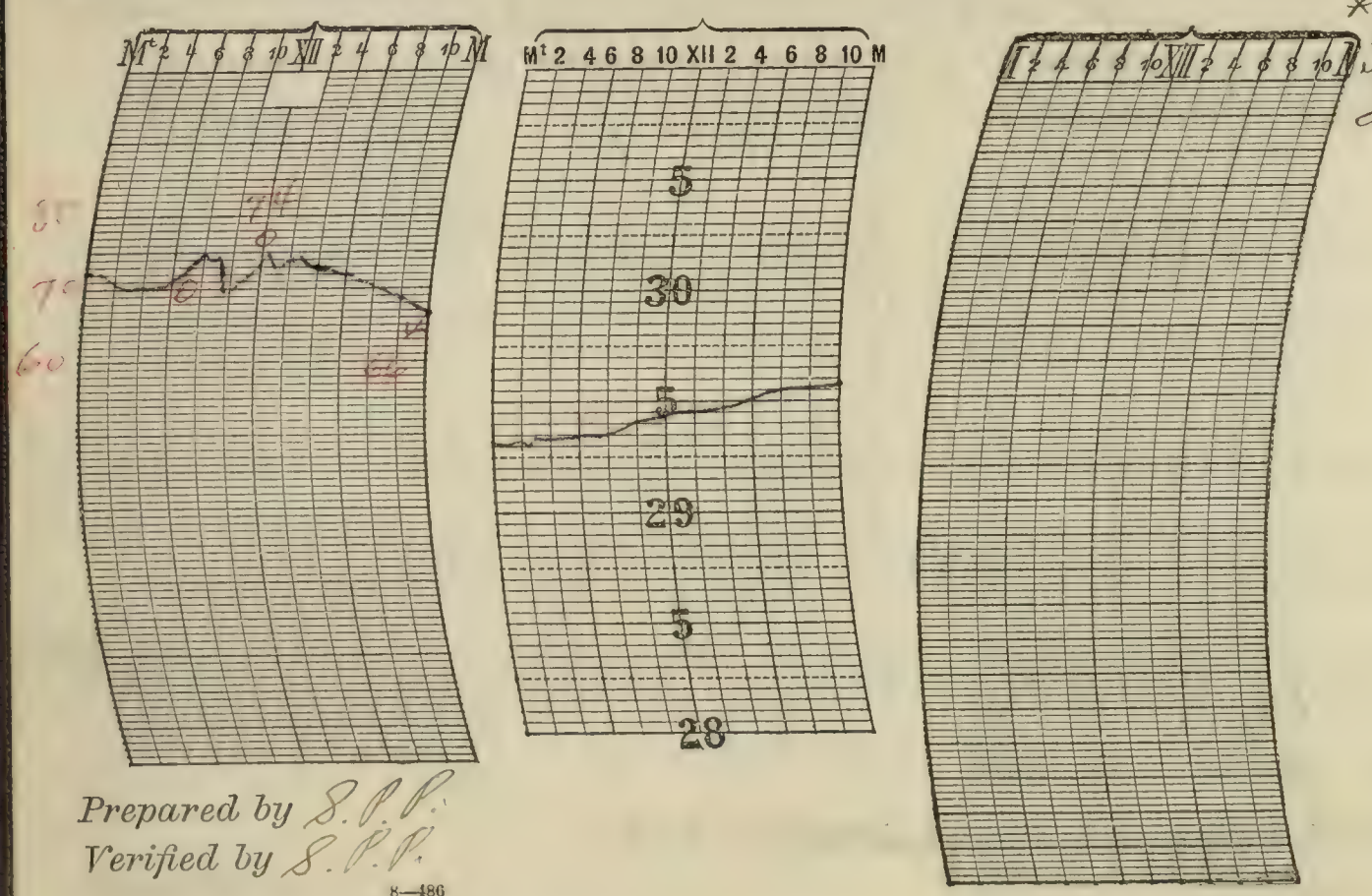
Reduced barometer, 29.89 a. m. ____ p. m.

River gage, 14.3, rising

* Interpolated

NOTES.

Thunderstorm: First thunder heard preceding day; last heard 2 p.m.; storm came from S.W.



Prepared by S. P. P.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Monday, (Date) JUL 22 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	63	62	61	61	61	60	62	69	[illegible]	75	77
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Cloudy Dense fog					Hazy Fog				
Sunshine (in tenths of hours)					0	0	0	0.1	1.0	1.0	1.0	1.0
Wind direction	NE	NE	O	NE	NE	NE	NE	E	E	E	E	SE
Wind movement	2	1	0	1	2	2	3	5	6	6	5	7

Sunrise: Time, 4:42; Character, Foggy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	80	81	82	82	81	80	77	76	73	[illegible]	[illegible]	[illegible]
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									Clear Visible			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.8 .37	0.2 0				
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	E
Wind movement	7	6	6	6	7	6	4	3	4	5	4	5

Sunset: Time, 7:22; Character, Clear

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
83	[illegible]	[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 3

Actual sunshine, hours, 11.5

Possible sunshine, hours, 14.7

Percentage of possible sunshine, 78

Prevailing direction Southeast

Total movement, 103

Average hourly velocity, 4.3

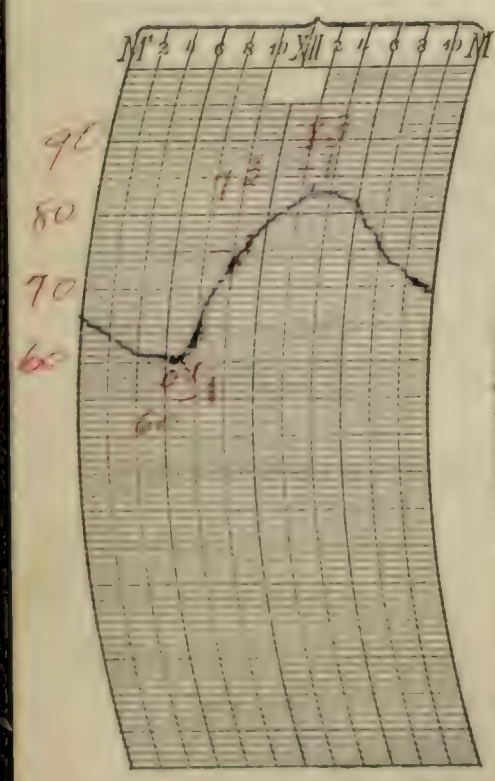
Maximum velocity, 8 Direction, E Time, 8:42 a.m.

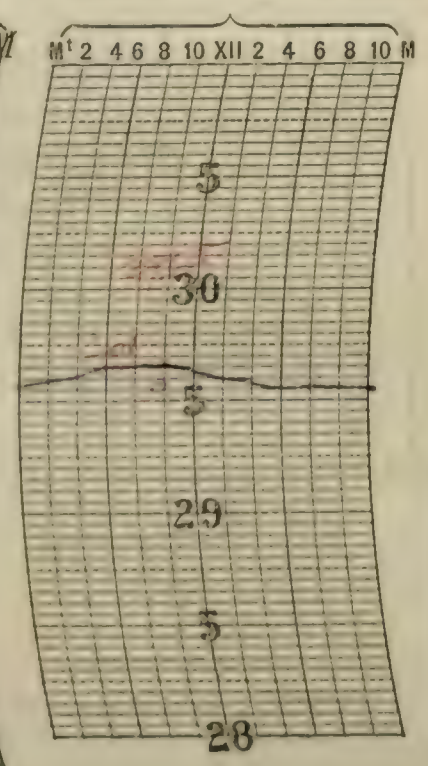
Extreme vel., 8 — E

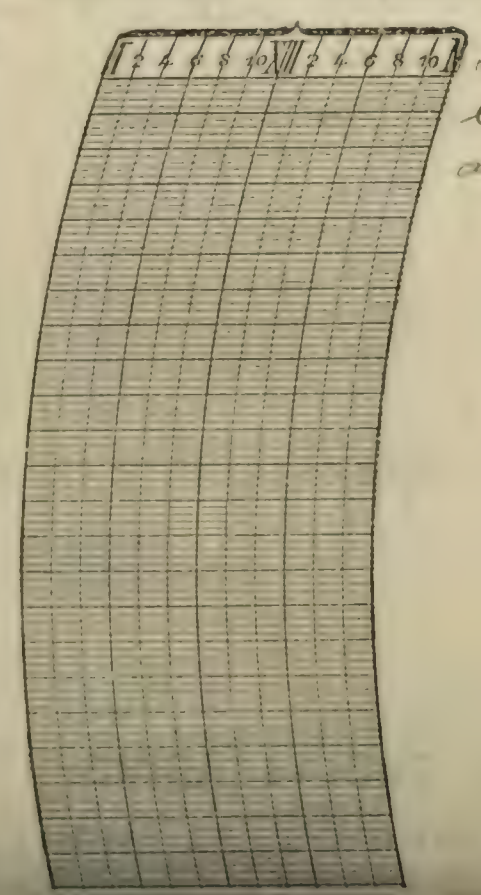
Relative humidity, 100 a. m. p. m.

Reduced barometer, 30.21 a. m. p. m.

River gage, 14.3 Ou [illegible]







NOTES.

Dense fog formed 7 Ua; it changed to light at 7:00 am, and disappeared at 5:15 am.

Prepared by S.C.S.

Verified by

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) JUL 23 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	66	66	67	67	68	71	74	75	80	86	89
State of weather: Nature of precipitation and time of beginning and ending									RB 5:35 RE 5:50			
Amounts of precipitation									T			
Cloudiness and other conditions								Cloudy				
Sunrise: Time, 4:43 Character, Cloudy												
Sunshine (in tenths of hours)					0	0	0	0	0	0.9	1.0	1.0
Wind direction	E	E	E	E	E	SE	SE	S	SW	SW	SW	SW
Wind movement	3	3	4	4	3	4	3	5	6	8	9	12
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	90	91	92	92	91	90	88	86	84	81	80	82
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Partly Cloudy		Clear			Clear	
Sunset: Time, 7:21 Character, Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.1 0.7	1.0 0	.35 0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	12	14	14	11	11	11	11	12	8	4	6	7
Maximum velocities (exceeding 25 miles) direction and time												

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
93	66	80	76

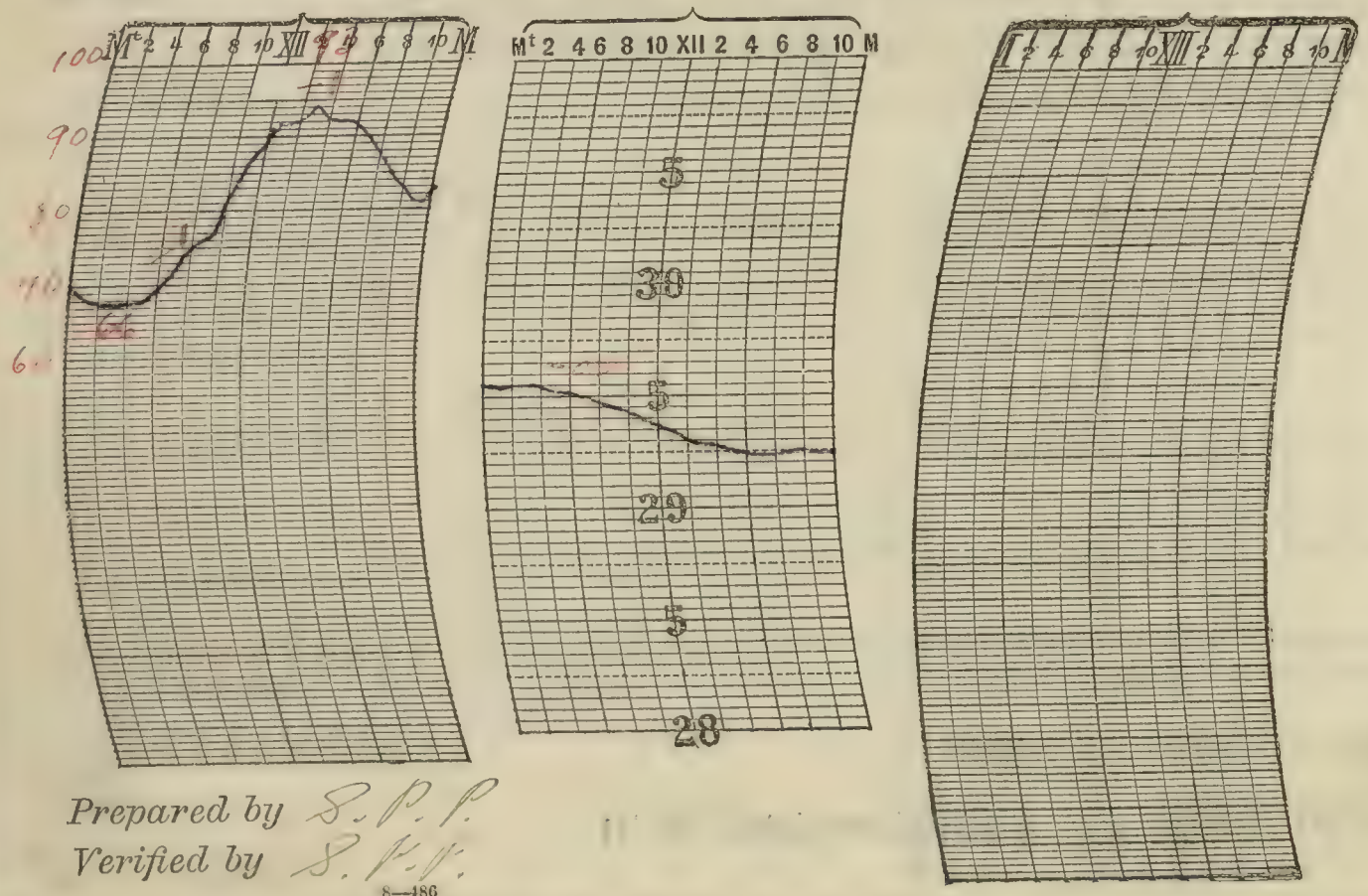
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Partly Cloudy Moon phase, Moon visible
Average daily cloudiness (0-10) 7
Actual sunshine, hours, 10.2
Possible sunshine, hours, 14.6
Percentage of possible sunshine, 70
Prevailing direction Southwest
Total movement, 185
Average hourly velocity, 7.7

Maximum velocity,	Direction,	Time.
17	SW	12:17 pm
Extreme vel., 17	SW	12:17 pm

Relative humidity, 84 a. m. ____ p. m.
Reduced barometer, 30.05 a. m. ____ p. m.
River gage, 14.4, rising

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

NOTES.



Prepared by S. P. P.
Verified by S. P. V.

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL, (Day of week) Wednesday, (Date) JUL 24 1912 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	51	51	50	50	50	51 (-1)	54	56	88	70	90
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					
Sunrise: Time, Character,	4:44 Clear											
Sunshine (in tenths of hours)					.27 0	1.0 0	0.7 0.3	× 1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W
Wind movement	11	14	16	15	14	15	14	13	14	14	13	14
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	92	91	93 (-2)	92	91	87	81	83	80	77	74	73
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				× Partly Clear							Cloudy visible	
Sunset: Time, Character,									7:20 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.2 0.8	1.0 0	.33 0				
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	16	14	13	12	11	9	8	5	6	7	7	7

Maximum.	Minimum.	Mean.	Normal.
93	73	82	76

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear. Moon phase.

Average daily cloudiness (0-10)

Actual sunshine, hours, 14.6

Possible sunshine, hours.

Percentage of possible sunshine, 100

Prevailing direction Northwest

Total movement, 282

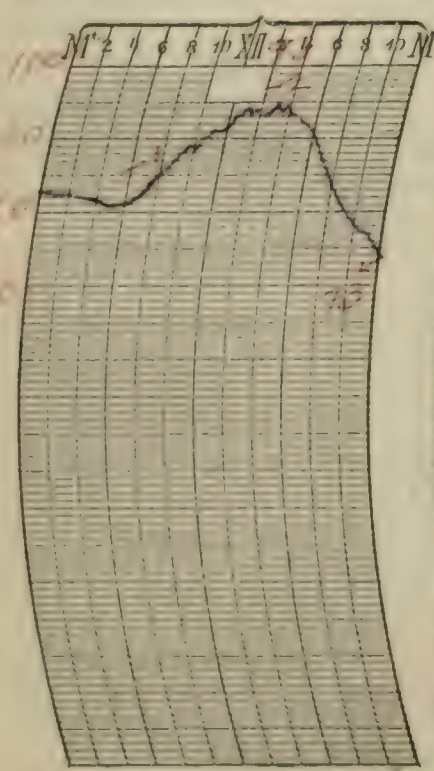
Average hourly velocity, 11.8

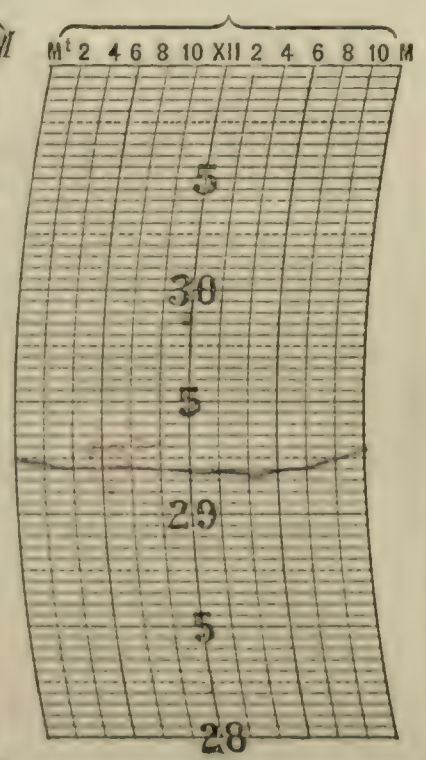
	Maximum velocity.	Direction.	Time.
Extreme wind	18	NW	12:47 p.m.
	19	NW	1:45 p.m.

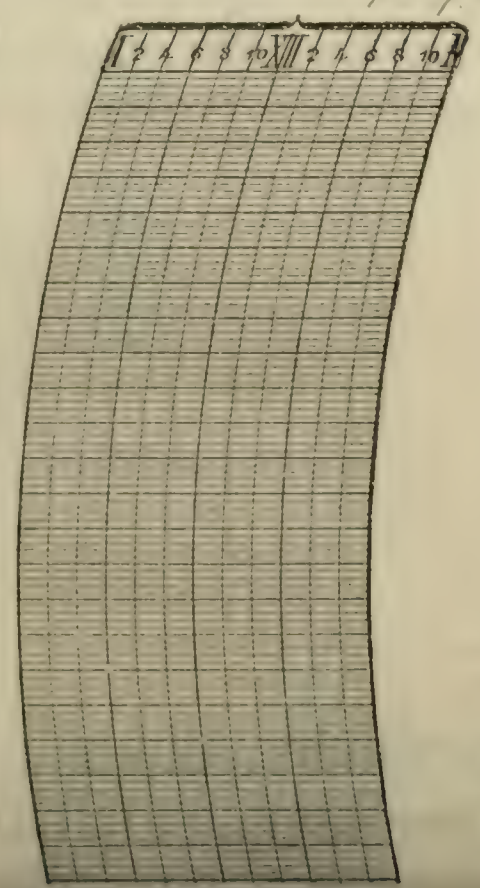
	a. m.	p. m.
Relative humidity,	68	
Reduced barometer,	29.77	
River gage,	14.5	

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

× Eye observations







NOTES.

Prepared by S. P. C.

Verified by S. P. C.

R—496

Form No. 1014—Met. I.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) JUL 25 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	69	67	67	66	68	70	77	79	81	83	84
Temperature correction					0		-1					
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Moon visible				Pt Cdy							
Sunshine (in tenths of hours)					.25	1.0	0.4	1.0	1.0	1.0	1.0	1.0
					0	0	0.6					
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	4	5	4	4	4	6	6	6	6	7	11	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	85	85	86	86	85	83	79	76	73	71	68	66
Temperature correction			-1									
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									Moon visible			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.8	.32				
							0.2	0				
Wind direction	NW	NW	NW	NW	NW	NW	NW	N	N	NE	N	N
Wind movement	13	13	15	14	15	11	7	6	7	5	3	4

Sunrise: Time, 4:45 Character, Clear

Sunset: Time, 7:19 Character, Clear

Maximum velocities (exceeding 25 miles) direction and time

Maximum	Minimum	Mean	Normal
86	66	76	76

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, Clear Moon phase, ____

Average daily cloudiness (0-10) 2

Actual sunshine, hours, 14.6

Possible sunshine, hours, 14.6

Percentage of possible sunshine, 100

Prevailing direction Northwest

Total movement, 187

Average hourly velocity, 7.8

Maximum velocity,	Direction,	Time.
17	NW	4:38 pm
Extreme vel., 18	NW	4:36 pm

Relative humidity, 77 a. m. ____ p. m.

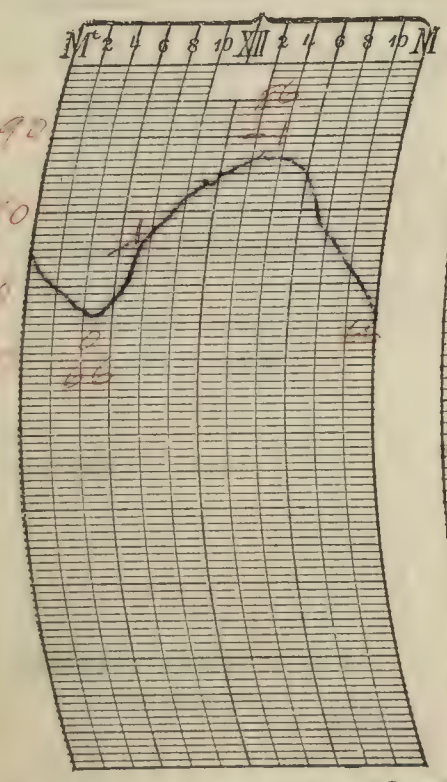
Reduced barometer, 29.96 a. m. ____ p. m.

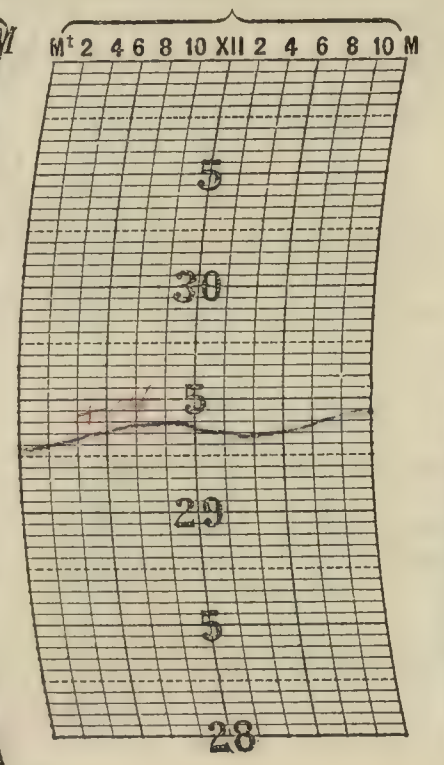
River gage, 14.5 on stand

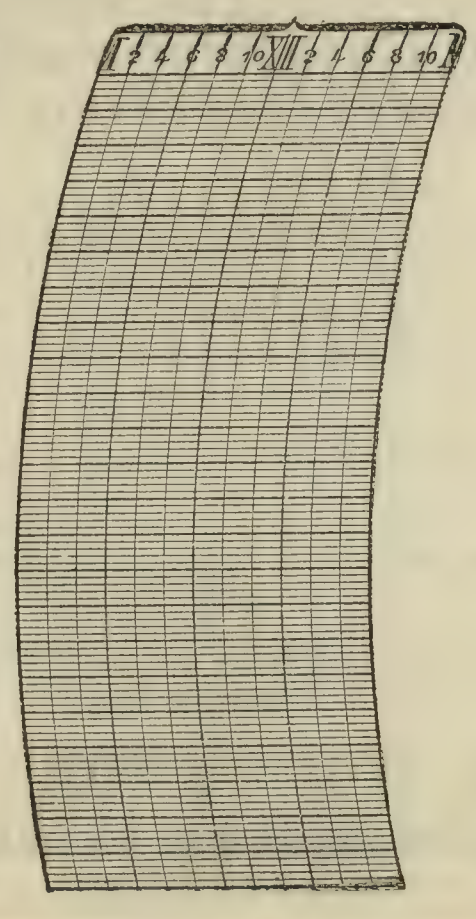
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts







NOTES.

Prepared by J. P. C.

Verified by J. P. C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) JUL 26 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	64	61	60	60	62	66	70	71	73	75	78
Temperature correction				0			-1					
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Moon visible											
Sunshine (in tenths of hours)					0	0	0.8	1.0	1.0	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	N	N	N	N	N	NE	N	N
Wind movement	5	3	1	2	5	5	5	8	7	8	8	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	79	80	80	80	79	78	75	72	66	63	62	60
Temperature correction				-1								
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear									Clear	Moon visible	
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.30	0			
Wind direction	N	NE	N	N	N	N	NE	NE	NE	E	NE	NE
Wind movement	9	9	8	8	8	7	4	3	7	9	5	4

Sunrise: Time, 4:46 Character, Clear

Sunset: Time, 7:18 Character, Clear

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
81	60	71	76

Total depth of snow for 24 hours ending 7 p. m. 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, — inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., — ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) Low

Actual sunshine, hours, 14.5

Possible sunshine, hours, 14.5

Percentage of possible sunshine, 100

Prevailing direction North

Total movement, 148

Average hourly velocity, 6.2

Maximum velocity,	Direction,	Time.
13	NE	12:00 p.m.

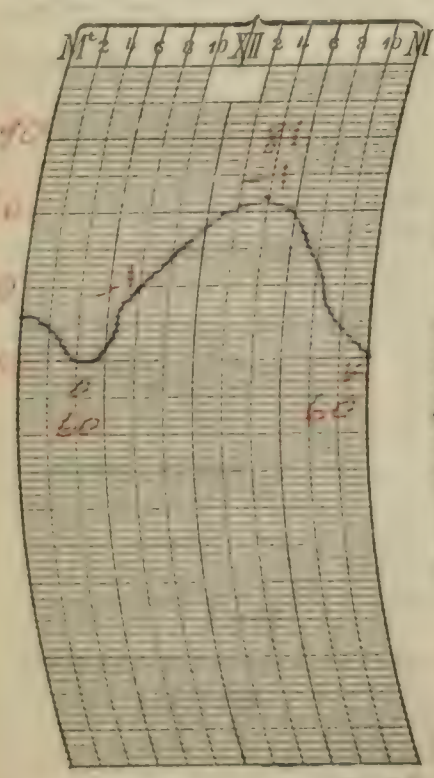
Extreme vel. 13 NE 12:00 p.m.

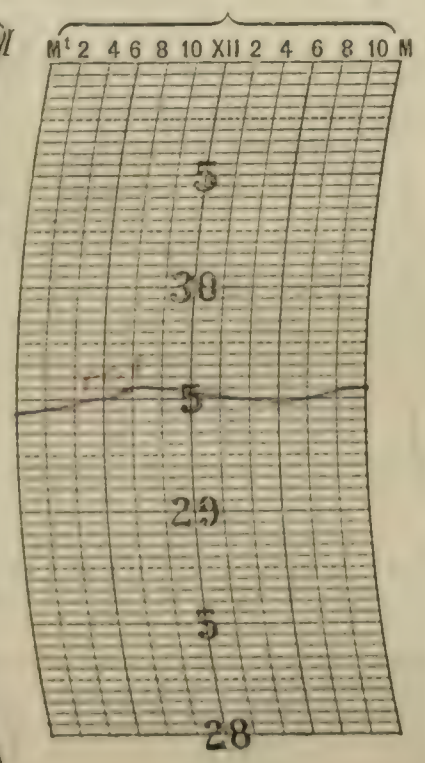
Relative humidity, 77 a. m. p. m.

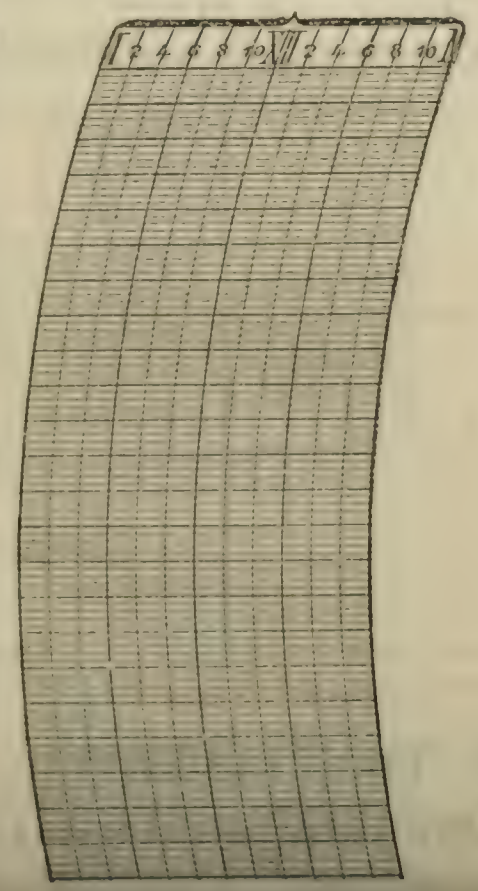
Reduced barometer, 30.09 a. m. p. m.

River gage, 14.5 ft. above Zero

NOTES.







Prepared by S. V. V.

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) JUL 27 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	58	57	57	56	59	63	68	72	75	76	78
Temperature correction					0		-1					
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Moon visible				Clear							
Sunshine (in tenths of hours)					0	0	0.4	1.0	1.0	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	E	E	E	SE	S
Wind movement	3	1	1	2	1	2	3	2	3	3	3	5

Sunrise: Time, 4:47 Character, Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	80	81	82	82	83	80	78	74	72	71	70	68
Temperature correction		-2										
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Partly Clear					Moon visible		
Sunshine (in tenths of hours)	1.0	1.0	0.8	1.0	0.7	0.3	0	0				
Wind direction	S	SW	S	E	SE	S	S	S	S	S	SE	SE
Wind movement	4	7	5	7	8	5	4	2	1	1	2	1

Sunset: Time, 7:18 Character, Clear

Maximum velocities (exceeding 25 miles) direction and time

Maximum	Minimum	Mean	Normal
84	56	70	75

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10)

Actual sunshine, hours, 14.2

Possible sunshine, hours, 14.5

Percentage of possible sunshine, 98

Prevailing direction South

Total movement, 76

Average hourly velocity, 3.2

	Maximum velocity,	Direction,	Time.
	12	SE	2:55 pm
Extreme vel.,	12	SE	2:55 pm

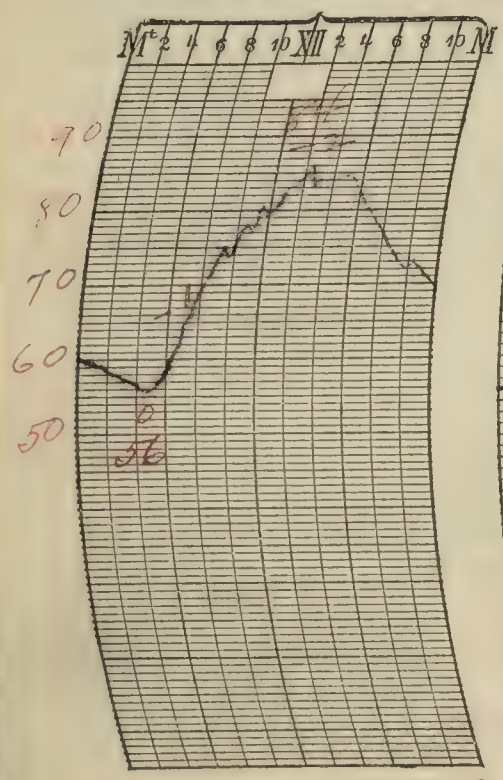
Relative humidity, 84 a. m. p. m.

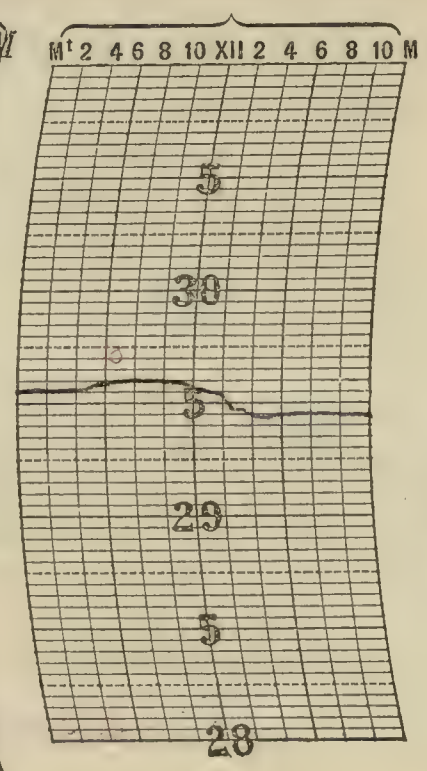
Reduced barometer, 30.15 a. m. p. m.

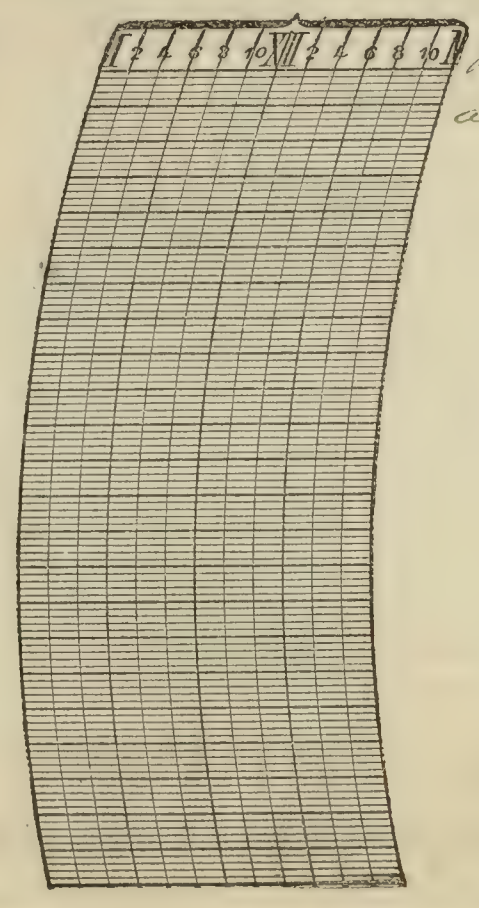
River gage, 14.5, Overflowed

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.







NOTES.

Light smoke formed Dela and ended at 9:00 am.

Prepared by S. P. P.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sun Day, (Date) JUL 2 5 1914 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	66	66	66	67	66	67	70	74	78	79	82	82	86	86	87	84	82	80	77	76	75	75	7[illegible]
State of weather: Nature of precipitation and time of beginning and ending							RB 6:12 RE 6:35										RB 4:45	RE						
Amounts of precipitation							T										T	T						
Cloudiness and other conditions					Cloudy				(P.C.) PC		Clear		Cloudy				PC				Moon visible Clear			
Sunrise: Time, 4:48 Character, Cloudy																					Sunset: Time, 7:17 Character, Clear			
Sunshine (in tenths of hours)					0	0	0	0.1	0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0	0.4	1.0	.28				
Wind direction	SE	S	SW	SW	NE	NE	E	E	SE	S	S	SW	SW	SW	SW	SW	W	SW	SW	SW	SW	SW	SW	W
Wind movement	2	3	3	4	7	7	10	7	7	9	12	15	19	17	16	12	14	7	7	9	8	8	7	5
Maximum velocities (exceeding 20 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum.	Minimum.	Mean.	Normal.
87	66	76	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cldy Moon phase, 0.10 [illegible]

Average daily cloudiness (0-10), [illegible]

Actual sunshine, hours, 8.6

Possible sunshine, hours, 14.5

Percentage of possible sunshine, 59

Prevailing direction Southwest

Total movement, 217

Average hourly velocity, 9.0

	Maximum velocity,	Direction.	Time.
	22	SW	12:35 pm
EXTREME VEL.	7	SW	12:37 pm

Relative humidity, 54 a. m. ..... p. m.

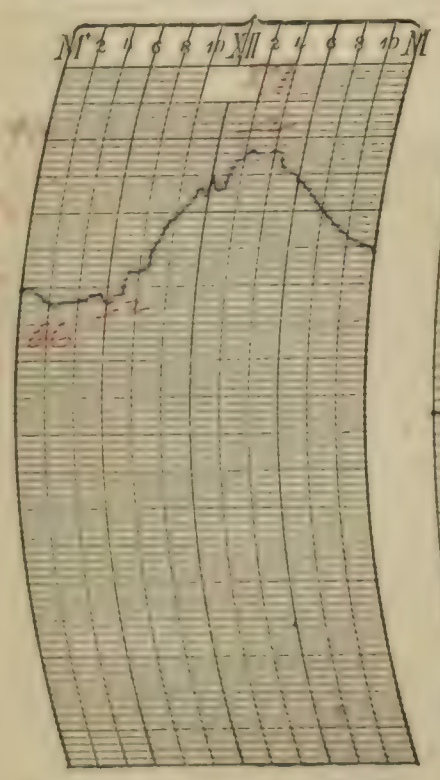
Reduced barometer, 29.97 a. m. ..... p. m.

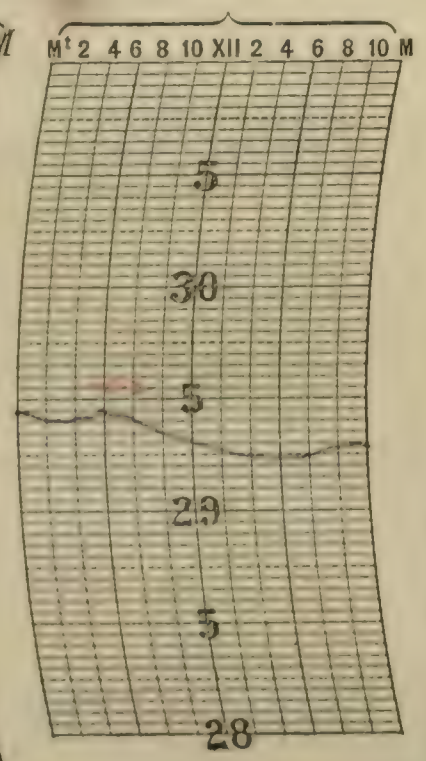
River gage, 1.4 ft, Dec stand

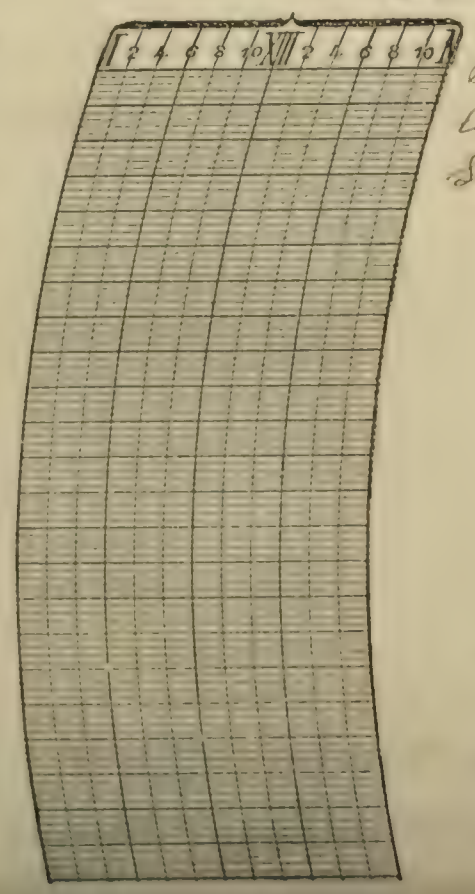
x Interpolated

NOTES.

Thunderstorm: First thunder heard 2 pm; last heard 6:30 am. Storm came from S.W.







Prepared by S. P. L.
Verified by S. P. L.

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Monday, (Date) JUL 29 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	67	64	63	62 (-1)	63	67 (-1)	72	[illegible]	[illegible] (-1)	81	82
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear visible						Clear			* Partly		
Sunshine (in tenths of hours)					0	0	0.4	1.0	1.0	1.0	1.0	1.0
Wind direction	* NW	* NW	* NW	* NW	* NW	* NW	∅ NW	∅ NW	NW	N	NW	NW
Wind movement	6	7	7	8	7	5	5	6	7	8	9	7

Sunrise: Time, 4:49 Character, Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	83	83	83 (-2)	83	82	80	77	73	70	67	66	64
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					* Clear						Hazy visible	
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.1 0.9	1.0 0	.27 0				
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NE	NE	NE
Wind movement	10	11	13	13	13	11	8	4	4	3	1	2

Sunset: Time, 7:16 Character, Clear

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
85	62	74	75

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 2

Actual sunshine, hours, 14.4

Possible sunshine, hours, 14.4

Percentage of possible sunshine, 100

Prevailing direction Northwest

Total movement, 177

Average hourly velocity, 7.4

Maximum velocity,	Direction,	Time.
19	NW	4:30 pm
	19 - NW	- 4:35 pm

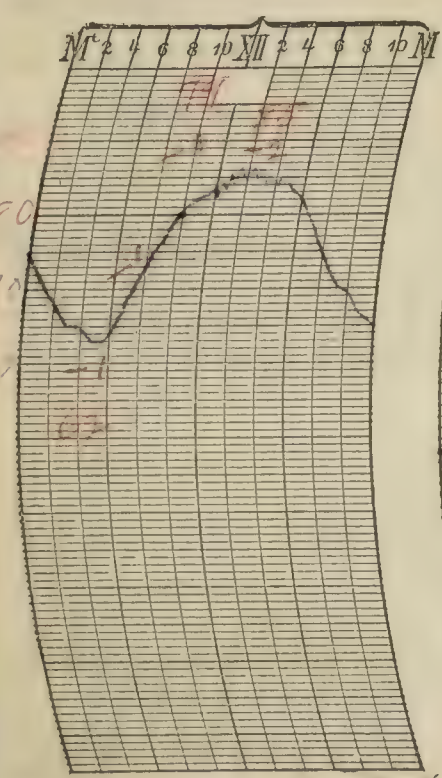
Relative humidity, 80 a. m. p. m.

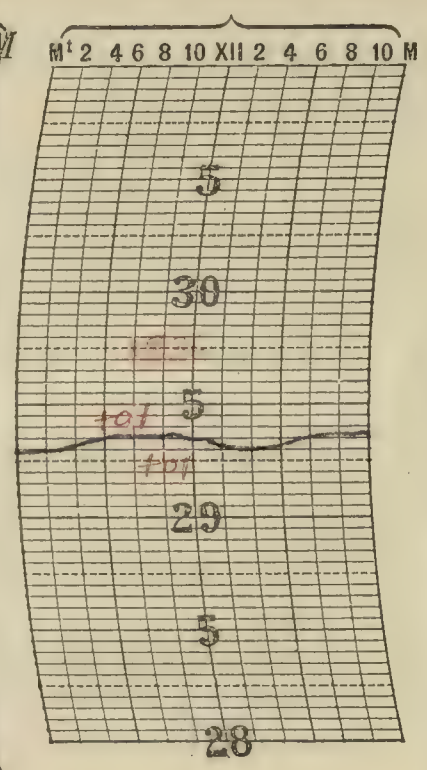
Reduced barometer, 29.93 a. m. p. m.

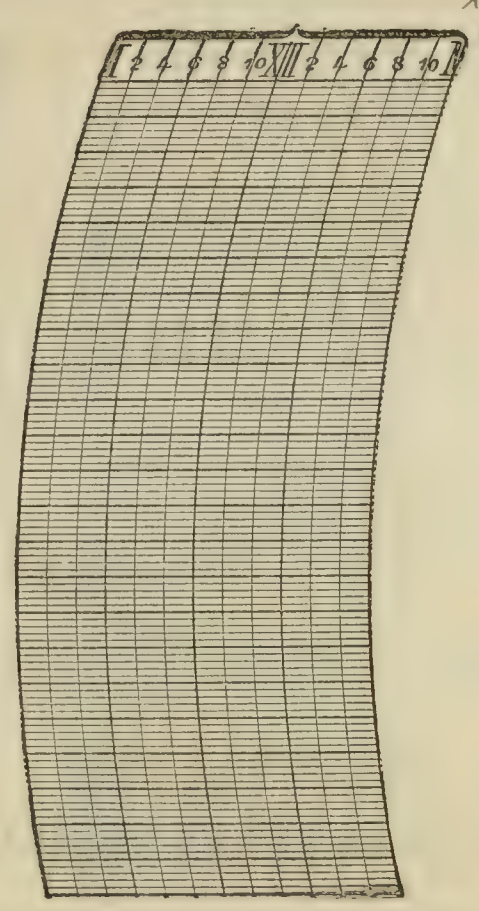
River gage, 14.7, rising

* Interpolated.
∅ Eye observation.

NOTES.







Prepared by [illegible]
Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) JUL 30 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	62	60	60	60 (-1)	61	64 (0)	66	69	72	72	71
State of weather: Nature of precipitation and time of beginning and ending									RB 8:20 RE 8:35	RB 9:10 RE 9:18	RB 10:45 RE 10:55	
Amounts of precipitation									T	T	.04	
Cloudiness and other conditions			Pt Cldy					× Cloudy				
Sunrise: Time, Character,	4:50 Cloudy											
Sunshine (in tenths of hours)					0	0	0	0.2	0	0.3	0	0.1
Wind direction	NE	NW	NW	W	W	W	W	W	NW	W	SW	N
Wind movement	2	2	2	3	2	3	3	2	6	6	4	3

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	78	83	83 (-1)	75	77	76	75	71	67	66	64	64
State of weather: Nature of precipitation and time of beginning and ending					RB 4:43	RE 5:05						
Amounts of precipitation					T	T						
Cloudiness and other conditions							× Clear				Hazy	
Sunset: Time, Character,									7:15 Clear			
Sunshine (in tenths of hours)	0.9	1.0	0.8	0.9	0.5	0	0.8 0	.25 0				
Wind direction	NE	NE	SW	SW	SW	N	NW	NW	NW	N	N	N
Wind movement	3	3	6	12	6	5	5	5	4	6	4	4

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
84	60	72	75

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .04 ins.

Total precipitation, midnight to midnight, .04 inches.

Character of day, Pt Cldy Moon phase,

Average daily cloudiness (0-10) 7

Actual sunshine, hours, 5.8

Possible sunshine, hours, 14.4

Percentage of possible sunshine, 40

Prevailing direction West

Total movement, 101

Average hourly velocity, 4.2

Maximum velocity,	Direction,	Time.
22	W	3:16 pm
Extreme vel., 23	W	3:17 pm

Relative humidity, 79 a. m. p. m.

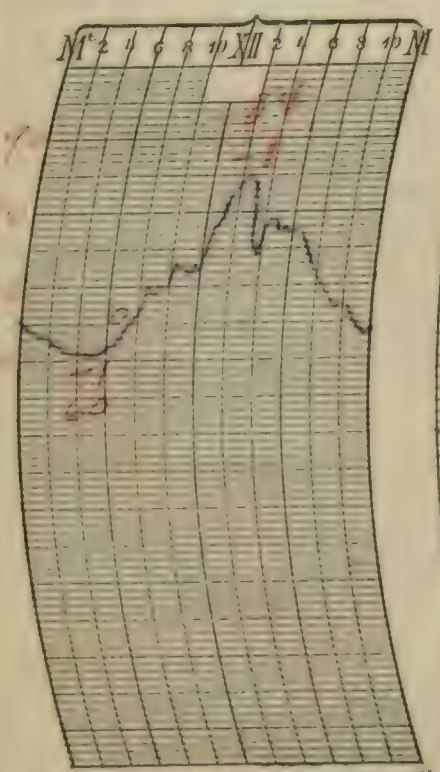
Reduced barometer, 29.92 a. m. p. m.

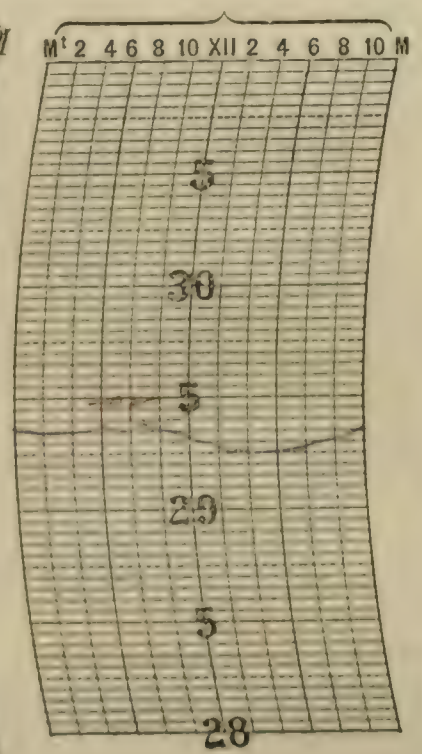
River gage, 14.6 falling

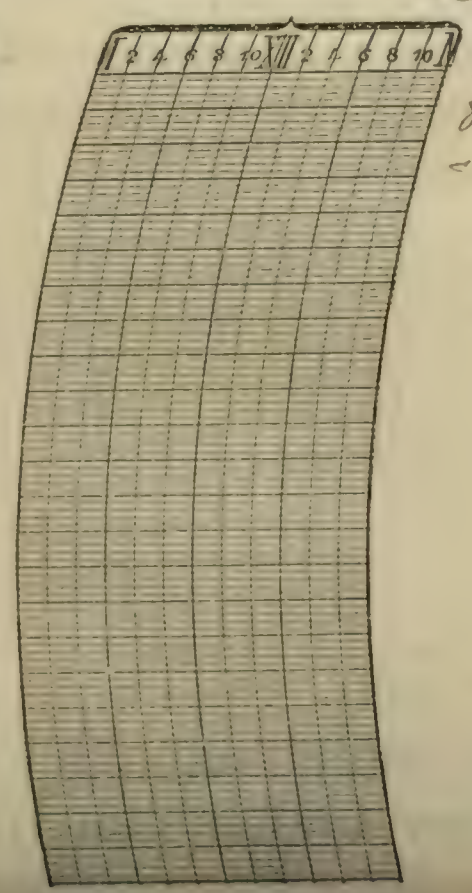
× Eye observation

NOTES.

Thunderstorm: First thunder heard at 8:07 am; last heard at 11:06 am. Storm came from N.W.







Prepared by S. P. P.

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) JUL 31 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	61	59	58	56	56	60	62	66	68	68	69
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Moon visible				Clear							
Sunrise: Time, Character,	4:51 Clear											
Sunshine (in tenths of hours)					.15 0	1.0 0	1.0 0	1.0	1.0	0.6	0.4	1.0
Wind direction	NE	NE	NE	N	N	N	N	E	SE	E	E	NE
Wind movement	8	4	4	5	3	1	3	4	4	3	6	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	68	70	71	71	70	67	65	63	61	60	57
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt. Cloudy					Clear					Moon visible	
Sunset: Time, Character,									7:14 Clear			
Sunshine (in tenths of hours)	0.7	1.0	1.0	1.0	1.0	0.8 0.2	1.0 0	.23 0				
Wind direction	NE	E	SE	SE	E	E	E	E	E	E	E	E
Wind movement	13	9	6	5	4	5	6	3	3	3	6	3

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
72	56	64	75

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 3

Actual sunshine, hours, 13.1

Possible sunshine, hours, 14.4

Percentage of possible sunshine, 91

Prevailing direction East

Total movement, 120

Average hourly velocity, 5.0

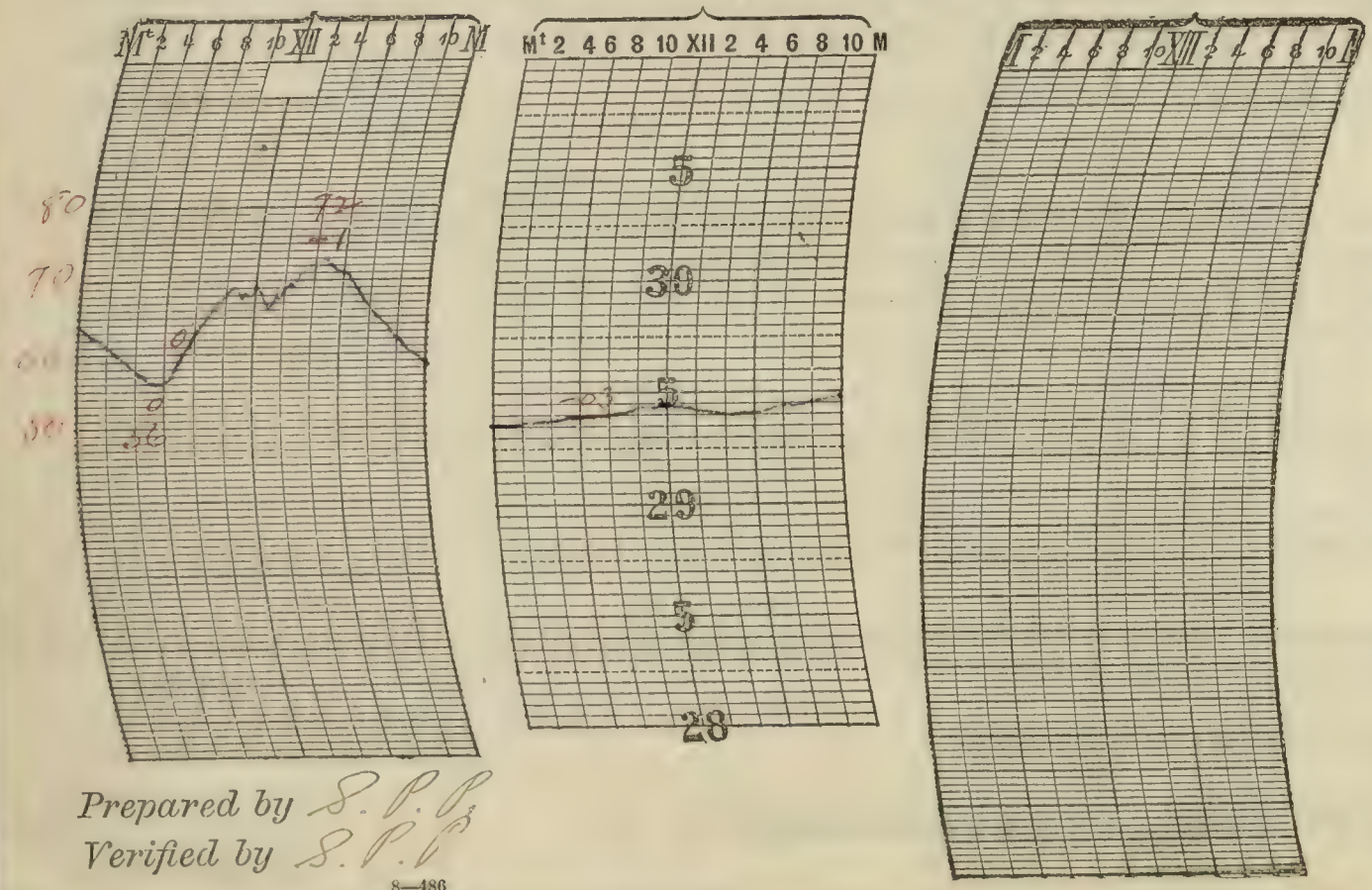
Maximum velocity,	Direction,	Time.
17	NE	12:32 pm
Extreme vel. 19	NE	12:33 pm

Relative humidity, 81 a. m. p. m.

Reduced barometer, 29.94 a. m. p. m.

River gage, 14.6, Our stand

NOTES.



Prepared by S. P. P.
Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) AUG 1 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	57	57	57	57	59	66	62	66	69	76	73	72	74	76	74	76	74	70	66	64	62	60	59
State of weather: Nature of precipitation and time of beginning and ending													RB 12:33 RE 12:50											
Amounts of precipitation													T											
Cloudiness and other conditions					Cloudy			× Clear	× Cloudy				×		Pt Cldy		× Clear						Ulow Cldy	
Sunshine (in tenths of hours)					0	0	0	0.8	1.0	1.0	1.0	0.6	0.3	0.9	0.8	0.2	0.4	0.3	0	0				
Wind direction	E	E	E	NE	SE	SE	E	E	E	E	E	SW	E	E	SE	SW	NE	W	N	N	N	N	N	N
Wind movement	3	3	2	7	3	3	3	6	5	3	4	4	7	9	5	4	5	5	6	4	5	6	4	1

Sunrise: Time, 4:52 Character, Cloudy

Sunset: Time, 7:12 Character, Clear

Maximum velocity (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
76	57	65	75

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cldy Moon phase,

Average daily cloudiness (0-10) 5

Actual sunshine, hours, 8.4

Possible sunshine, hours, 14.3

Percentage of possible sunshine, 62

Prevailing direction East

Total movement, 112

Average hourly velocity, 4.7

Maximum velocity,	Direction,	Time.
15	E	3:24 a.

Extreme vel. 15 - E - 3:24 a.

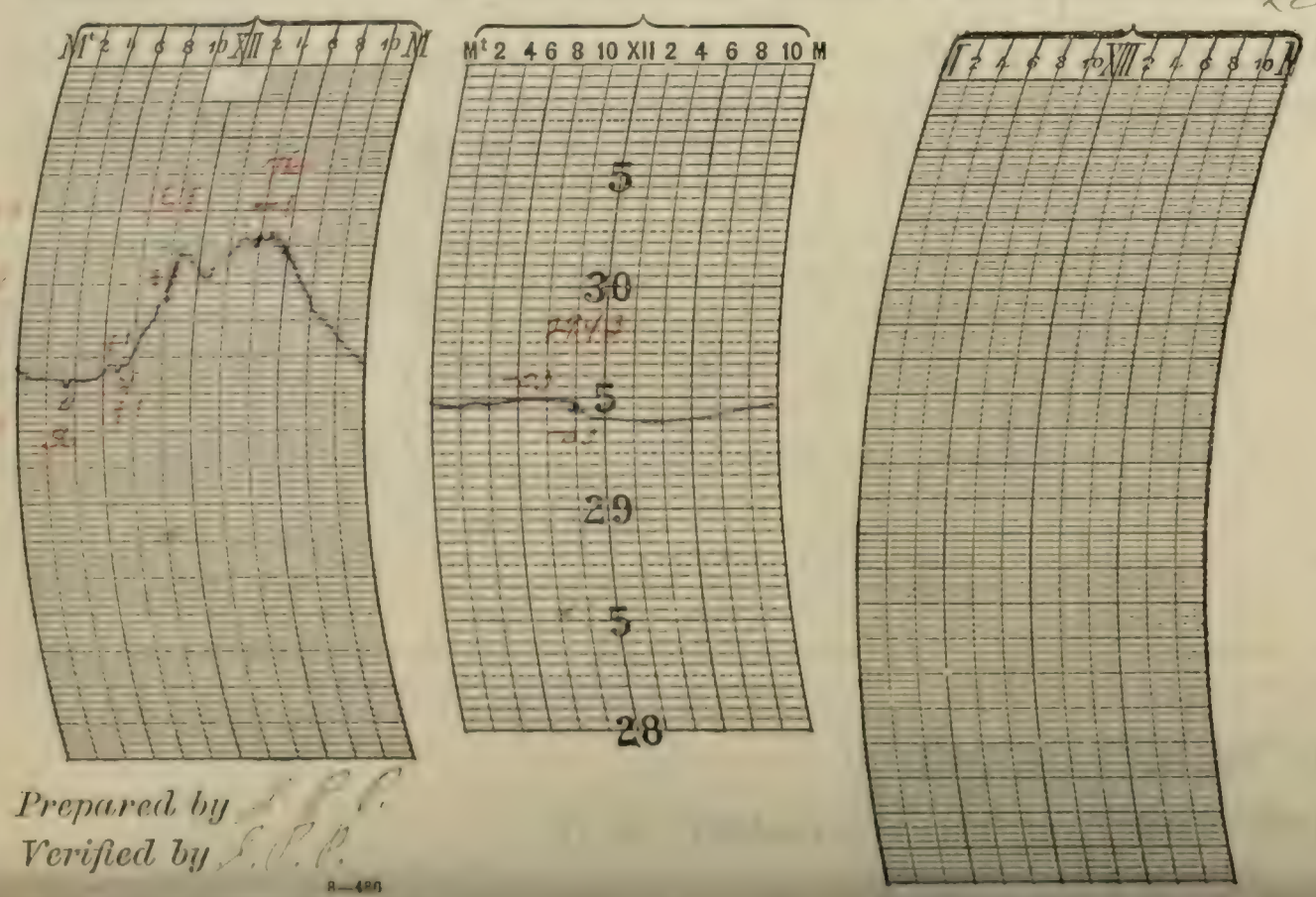
Relative humidity, 81 a. m. p. m.

Reduced barometer, 30.03 a. m. p. m.

River gage, 14.8, rising

× Eye observations.
* Interpolated.

NOTES.



Prepared by
Verified by

R—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) AUG 2 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	58	57	55	53 (+1)	53	57 (0)	65	69	70	70	72
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Moon visible				Clear					× P.C.		
Sunrise: Time, Character	4:53 Clear											
Sunshine (in tenths of hours)					.12 0	1.0 0	0.7 0.3	1.0	1.0	1.0	1.0	1.0
Wind direction	N	NW	NW	NW	NW	NW	W	NW	W	NW	NW	N
Wind movement	3	6	4	5	3	3	4	6	8	12	11	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	73 (0)	71	70	67	67	64	62	60	56	57	55
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	× Clear	× Cloudy								Moon visible × Clear		
Sunset: Time, Character									7:11 Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	× 1.0	0	0	0				
Wind direction	NW	N	N	NE	N	NE	NE	NE	NE	NE	NE	NE
Wind movement	11	11	10	9	9	7	5	6	8	5	4	3

	Maximum.	Minimum.	Mean.	Normal.
	74	52	63	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Partly Cldy Moon phase,

Average daily cloudiness (0-10) 5

Actual sunshine, hours, 12.1

Possible sunshine, hours, 14.3

Percentage of possible sunshine, 85

Prevailing direction Northwest

Total movement, 163

Average hourly velocity, 6.8

Maximum velocity,	Direction,	Time.
14	N	12:07 pm
Extreme vel., 14	N	12:07 pm

Relative humidity, 75 a. m. ____ p. m.

Reduced barometer, 30.06 a. m. ____ p. m.

River gage, 14.9, rising

× Eye observation.

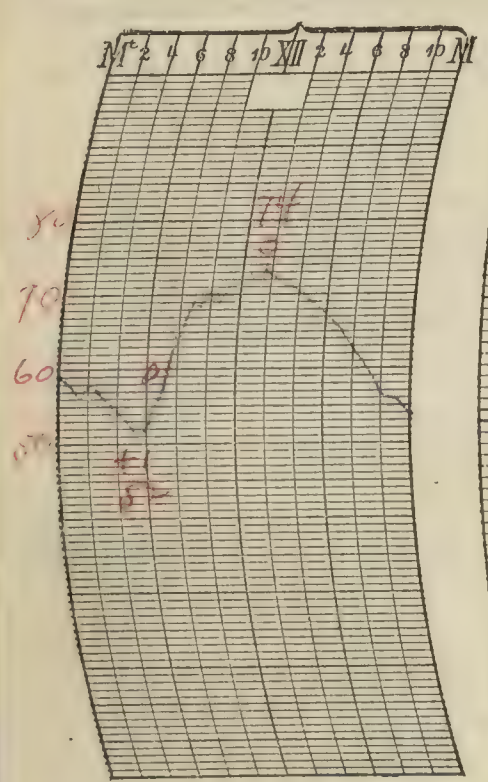
Maximum velocity (exceeding 25 miles) direction and time

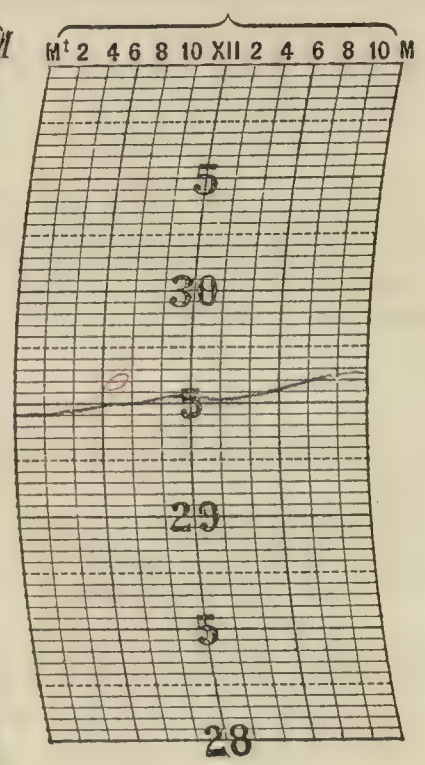
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

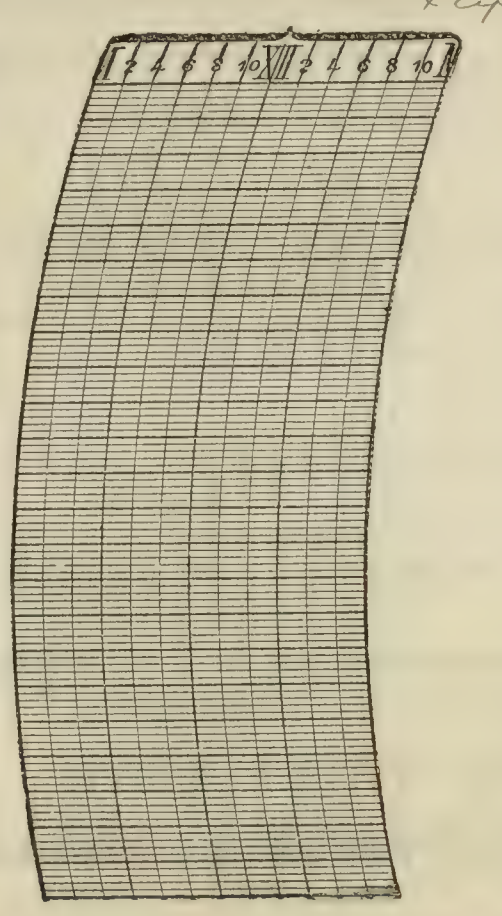
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

NOTES.







Prepared by S. P. P.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) AUG 3 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	51	51	50	48	48 +1	52 c	60	62	65	67	67	68	69	69 c	67	67	65	64	57	56	55	5[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Moon visible				Clear			*					Pt cldy					*	Clear				Moon visible	
Sunrise: Time, 4:54 Character, Clear																					Sunset: Time, 7:10 Character, Clear			
Sunshine (in tenths of hours)					.10 0	1.0 0	1.0 0	× 1.0	0.8	1.0	1.0	0.9	0.6	1.0	0.6	0.8	0	0.5 0	1.0 0	.17 0				
Wind direction	NE	NE	NE	NE	NE	O	NE	NE	NE	N	N	N	N	N	N	N	NE	NE	NE	E	E	E	E	E
Wind movement	4	4	3	1	1	0	1	2	3	5	8	10	10	10	9	11	9	9	7	7	5	2	1	1
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
70	47	[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt cldy Moon phase.

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 11.5

Possible sunshine, hours, 14.3

Percentage of possible sunshine, 80

Prevailing direction Northeast

Total movement, 123

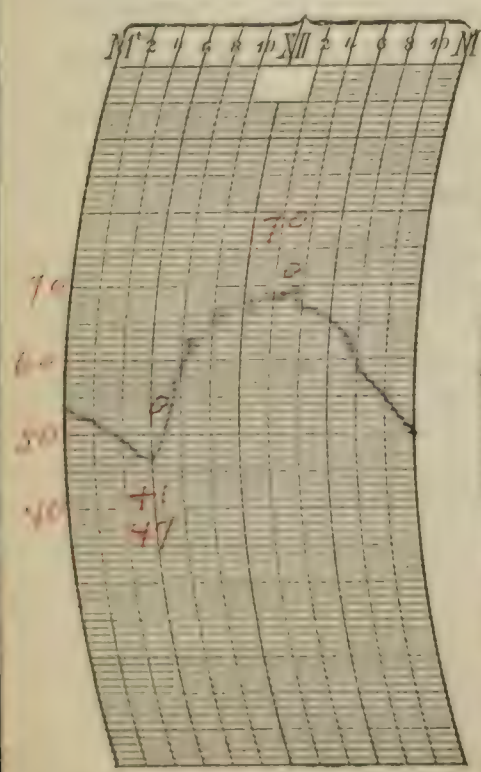
Average hourly velocity, 5.1

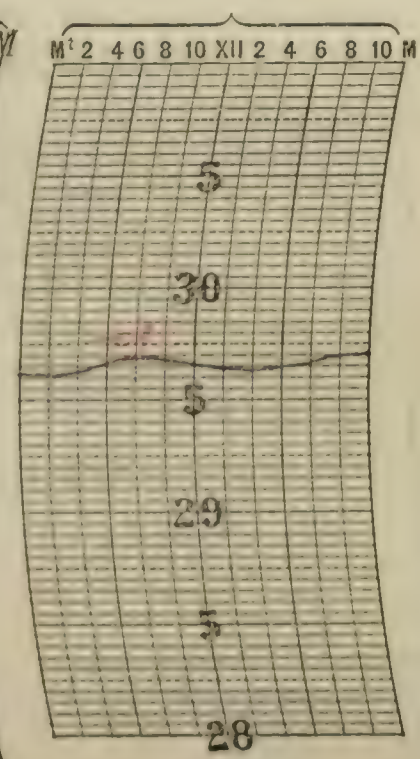
Maximum velocity,	Direction,	Time.
15	NE	3:46 pm
Extreme vel. 15	NE	3:46 pm

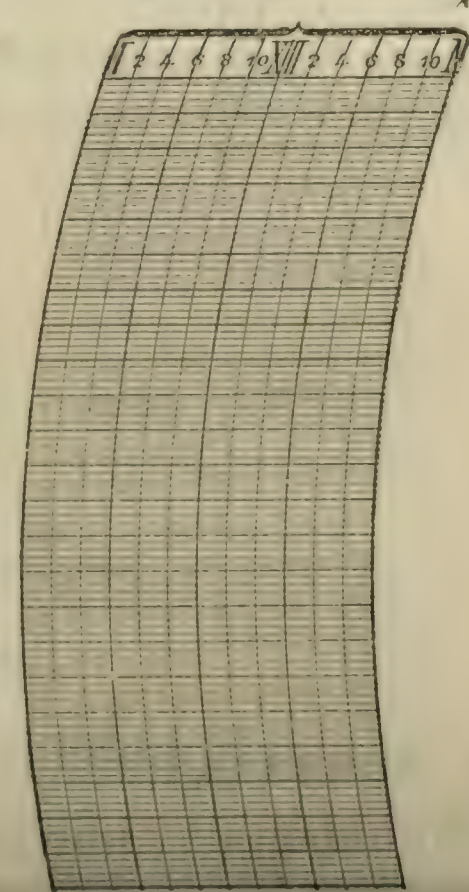
Relative humidity, 86 a. m. ____ p. m.

Reduced barometer, 30.24 a. m. ____ p. m.

River gage, 14.8, falling







NOTES.

Heavy deposit of dew observed this morning.

Prepared by S. P. P.

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) AUG 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	48	47	47	46 (+1)	47	53 (+1)	59	62	62	65	66
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Moon visible				Clear				Partly			
Sunrise: Time, Character,	4:55 Clear											
Sunshine (in tenths of hours)					0.8 / 0	1.0 / 0	0.7 / 0.3	1.0	1.0	0.7	0.2	1.0
Wind direction	E	0	E	E	NE	NE	E	NE	N	NE	N	NE
Wind movement	2	0	1	2	2	1	1	5	6	5	6	5
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	70	70	70	72 (0)	69	66	63	60	57	56	55
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear				Moon visible	
Sunset: Time, Character,									7:09 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.6	1.0	0.6 / 0.4	1.0 / 0	1.5 / 0				
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E
Wind movement	6	4	5	4	3	4	5	4	4	5	5	4

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
72	46	59	74

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Partly Cloudy Moon phase,

Average daily cloudiness (0-10) 4

Actual sunshine, hours, 12.7

Possible sunshine, hours, 14.2

Percentage of possible sunshine, 89

Prevailing direction Northeast

Total movement, 89

Average hourly velocity, 3.7

Maximum velocity,	Direction,	Time.
9	NE	12:37 pm

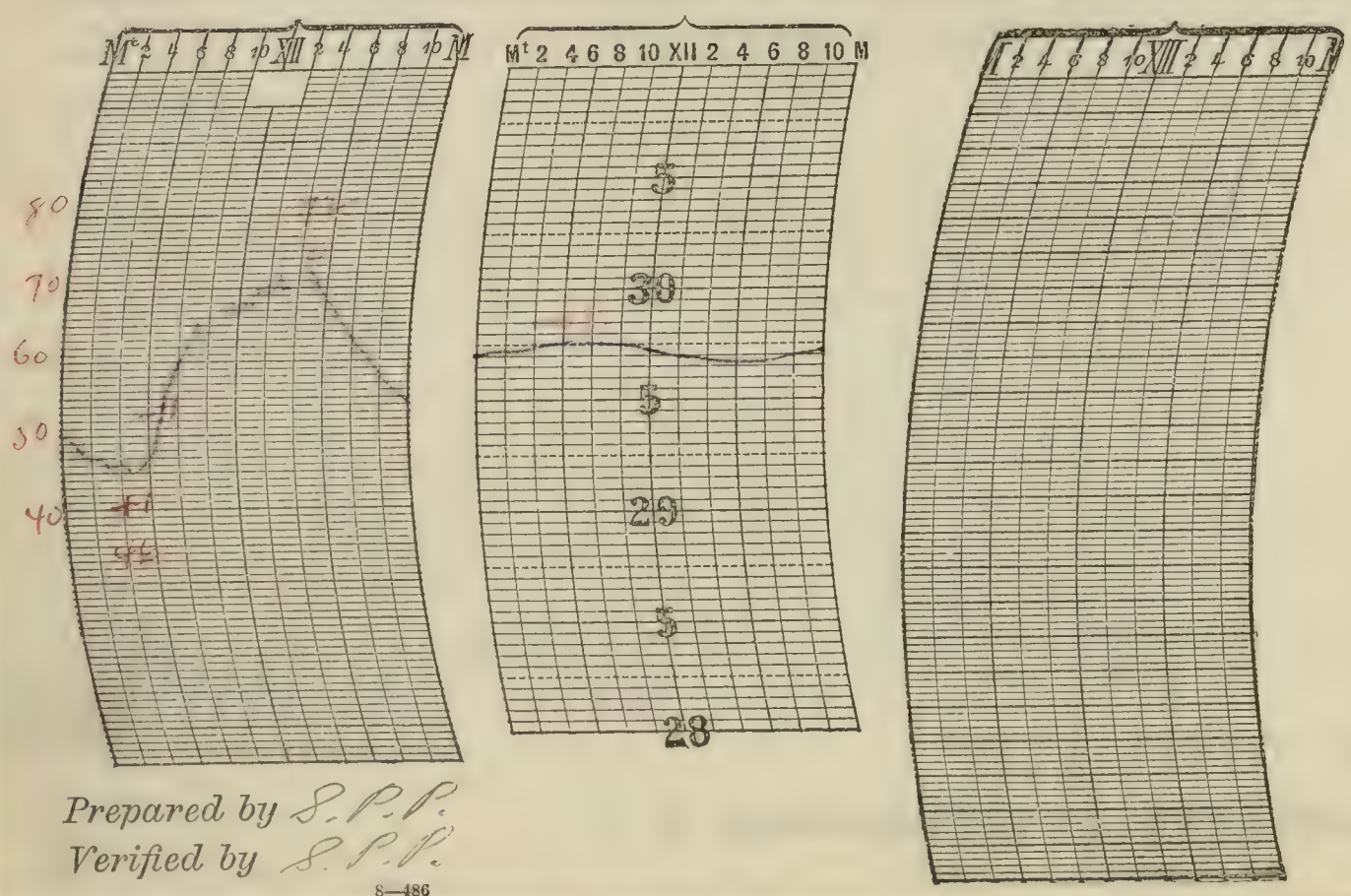
Extreme vel., 9 - NE - 12:37 p

Relative humidity, 76 a. m. p. m.

Reduced barometer, 30.31 a. m. p. m.

River gage, 14.5, falling

NOTES.



Prepared by S. P. P.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Monday, (Date) AUG 5 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	52	50	50	50 (+1)	52	54 (0)	58	64	68	71	72 (0)
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Lt smoke					Cloudy			
Sunrise: Time, Character,	4:56 Cloudy											
Sunshine (in tenths of hours)					0	0	0 (0.5 ×)	0.4	0	0.8	1.0	1.0
Wind direction	E	0	E	0	E	E	E	E	E	SE	S	SW
Wind movement	3	0	2	0	2	1	1	1	2	3	6	4
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	71	71	70	69	68	66	64	63	61	59	58
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									× Clear			
Sunset: Time, Character,										7:08 Cloudy		
Sunshine (in tenths of hours)	0.2	0	0	0	0	0	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	W	NE	E	E
Wind movement	5	5	4	5	6	7	7	3	3	3	4	1

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
72	58		74

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase, C in 1st qr.

Average daily cloudiness (0-10) 9

Actual sunshine, hours, 4.0

Possible sunshine, hours, 14.2

Percentage of possible sunshine, 28

Prevailing direction East

Total movement, 52

Average hourly velocity, 3.4

Maximum velocity,	Direction,	Time.
12	SW	6:20 p.m.

Extreme vel., 12 - SW - 6:20 p.m.

Relative humidity, 82 a. m. p. m.

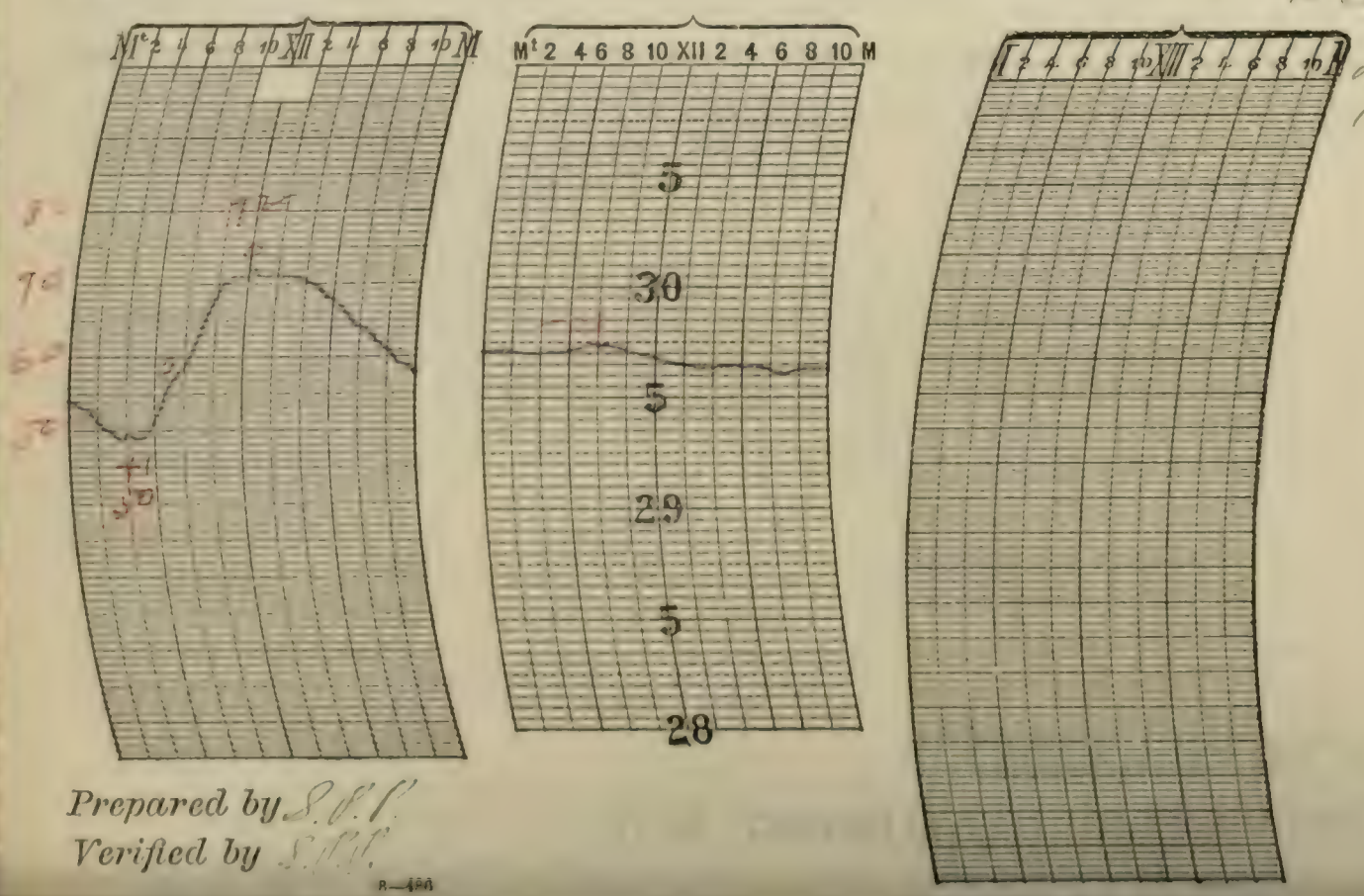
Reduced barometer, 30.28 a. m. p. m.

River gage, 14.4, falling

× Cyp. Chlorophyll

NOTES.

Lt smoke formed 7 a.m. and ended at 10 a.m.



Prepared by S. W. V.

Verified by S. W. V.

R—400

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) AUG 6 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	57	57	57	57	58	59	62	66	68	74	74
State of weather: Nature of precipitation and time of beginning and ending							RB 6:30 RE 6:45	RB 7:20	RE 8:50			
Amounts of precipitation							T	T	T			
Cloudiness and other conditions			Cloudy							Pt. Cl.		
Sunrise: Time, Character, 4:57 Cloudy												
Sunshine (in tenths of hours)					0	0	0	0	0.1	0.2	0.9	1.0
Wind direction	E	E	E	E			E	SE	S	S	S	SW
Wind movement	1	3	2	3	2	3	2	4	5	8	11	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	77	78	78	77	77	75	73	72	71		
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy							
Sunset: Time, Character, 7:07 Cloudy												
Sunshine (in tenths of hours)	0.5	0.9	1.0	1.0	0.3	0	0	0				
Wind direction	SW	S	S	S	S	S	SE	SE	SE	S	S	SW
Wind movement	13	11	10	10	9	5	6	6	7	8	9	8

Maximum velocities (exceeding 30 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
Temperature	79	57		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 9

Actual sunshine, hours, 5.9

Possible sunshine, hours, 14.2

Percentage of possible sunshine, 42

Prevailing direction South

Total movement, 159

Average hourly velocity, 6.6

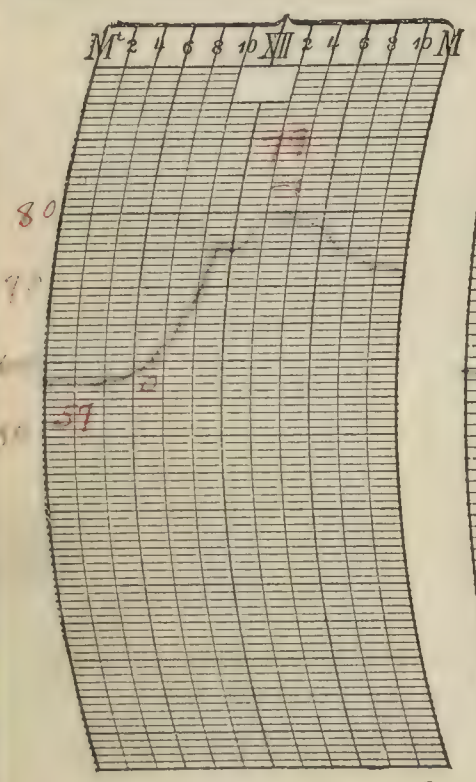
Maximum velocity,	Direction,	Time.
16	SW	11:13 a.m.
Extreme vel. 16	SW	11:13 a.m.

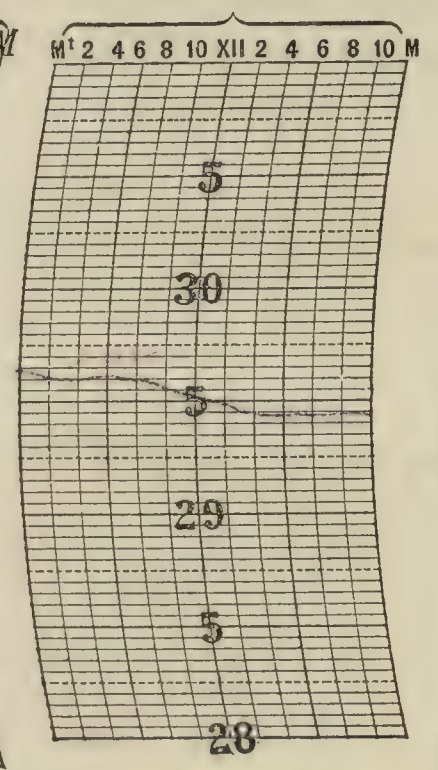
Relative humidity, 82 a. m. p. m.

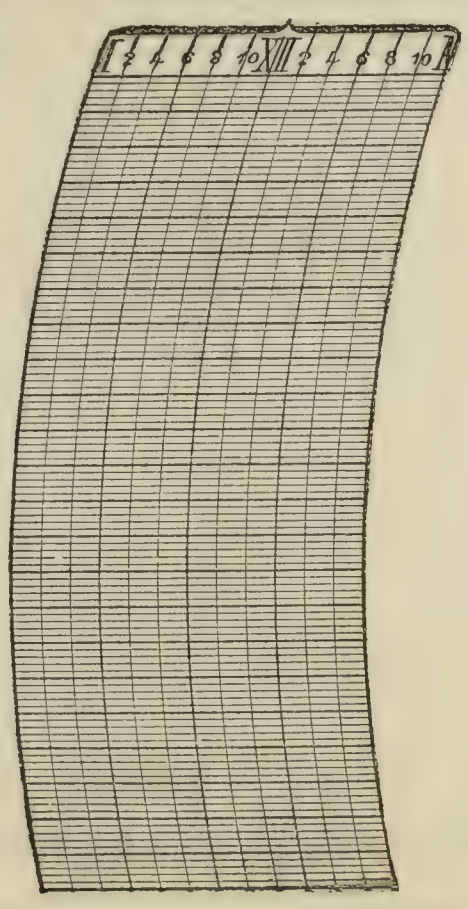
Reduced barometer, 30.16 a. m. p. m.

River gage, 14.3, falling

NOTES.







Prepared by S. P. P.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) AUG. 7 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	70	69	65	65	64	65	65	65	66	67	68	70	72	71	71	72	72	70	69	67	65	65	64
			RB Dela										RE 12:45	+1										
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation				.02	.01	.07	.02	.07	.05	.01	T	.04	.02											
Cloudiness and other conditions											Cloudy		7					×	pt Cldy	× Clear				
Sunrise: Time, Character,	4:58 Cloudy																				Sunset: Time, Character, 7:06 Clear			
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0	0	0	0.5	0	0	0.3	0.7	1.0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	E	E	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	4	8	7	6	1	2	3	2	3	4	5	5	4	6	7	4	5	5	5	2	2	3	1	1
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
72	64	68	74

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .13 ins.; to 7 p. m., .20 ins.

Total precipitation, midnight to midnight, .33 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 9

Actual sunshine, hours, 1.6

Possible sunshine, hours, 14.1

Percentage of possible sunshine, 11

Prevailing direction Northeast

Total movement, 97

Average hourly velocity, 4.0

Maximum velocity,	Direction,	Time.
12	SW	2:07 am

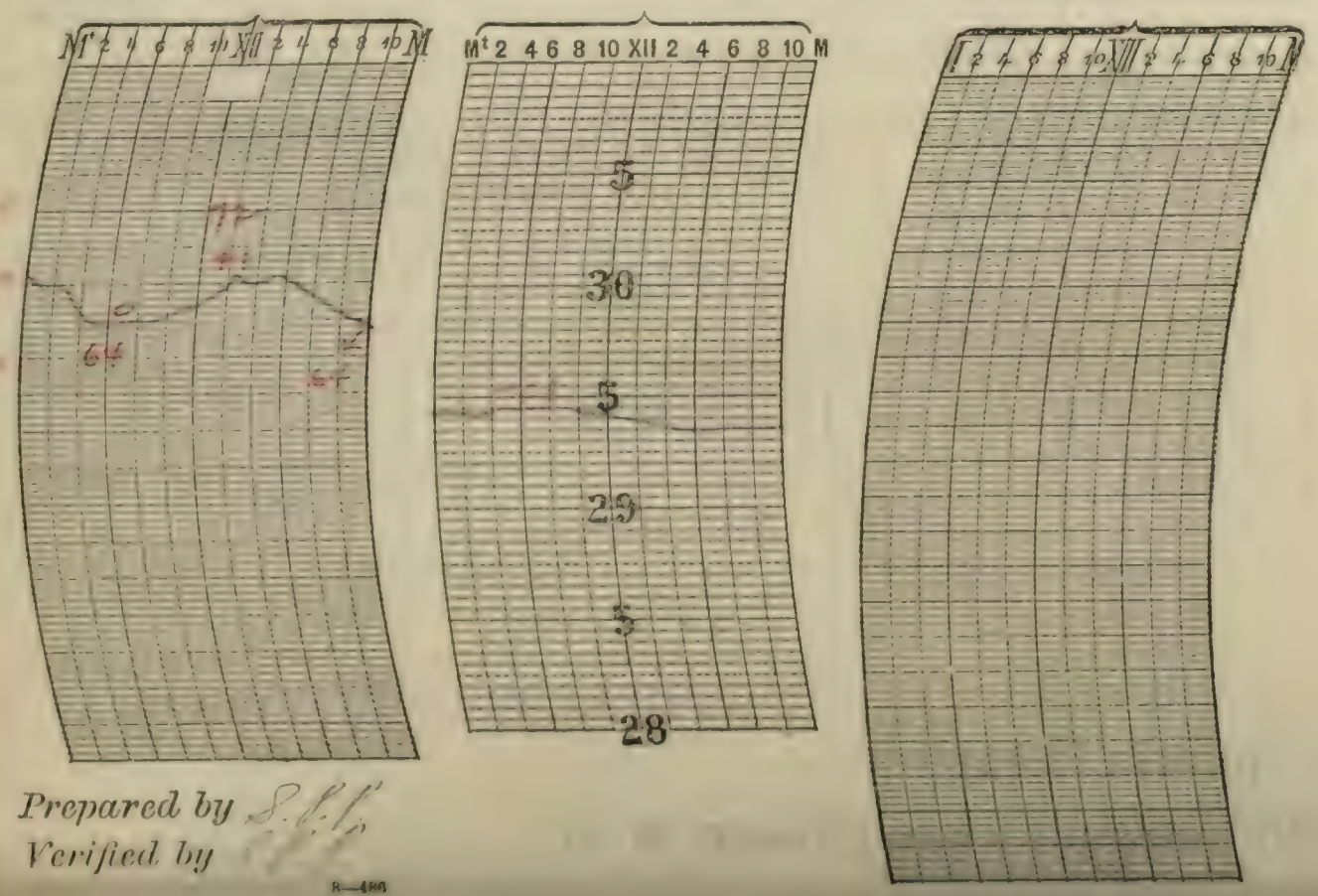
Extreme Vel. 12 - SW - 2:07 am

Relative humidity, 95 a. m. p. m.

Reduced barometer, 30.01 a. m. p. m.

River gage, 14.2, fa. Rising

NOTES.



Prepared by S. L. L.

Verified by

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday (Date) AUG 8 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	63	61	61	63	63	66	65	72	75	80	82
Temperature corrections			0				0			-1		-1
State of weather: Nature of precipitation and time of beginning and ending			RB Dla R Dla									
Amounts of precipitation			—	T	—							
Cloudiness and other conditions						Cloudy						
Sunshine (in tenths of hours)					0	0.7 0	0.8 0	0	0.3	0.9	0.8	1.0
Wind direction	NE	NE	NE	E	E	E	E	E	S	S	SE	S
Wind movement	1	2	4	3	4	3	2	2	5	5	6	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	80	77	78	77	70	71	71	69	70	69	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending		RB 1:13 RE 1:35			RB 4:55	RE 5:30						
Amounts of precipitation		T			.09	.27						
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0.1	0.3	0.1	0	0.5 0	0				
Wind direction	SW	SW	SW	W	SW	S	SE	SE	S	S	S	S
Wind movement	12	14	11	10	7	4	2	1	1	1	1	2

Sunrise: Time, 4:59 Character, Cloudy

Sunset: Time, 7:04 Character, Cloudy

Maximum velocities (exceeding 25 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
82	61	72	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .36 ins.

Total precipitation, midnight to midnight, .36 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 9

Actual sunshine, hours, 5.5

Possible sunshine, hours, 14.1

Percentage of possible sunshine, 39

Prevailing direction South

Total movement, 112

Average hourly velocity, 4.7

Maximum velocity,	Direction,	Time.
17	SW	1:08 pm

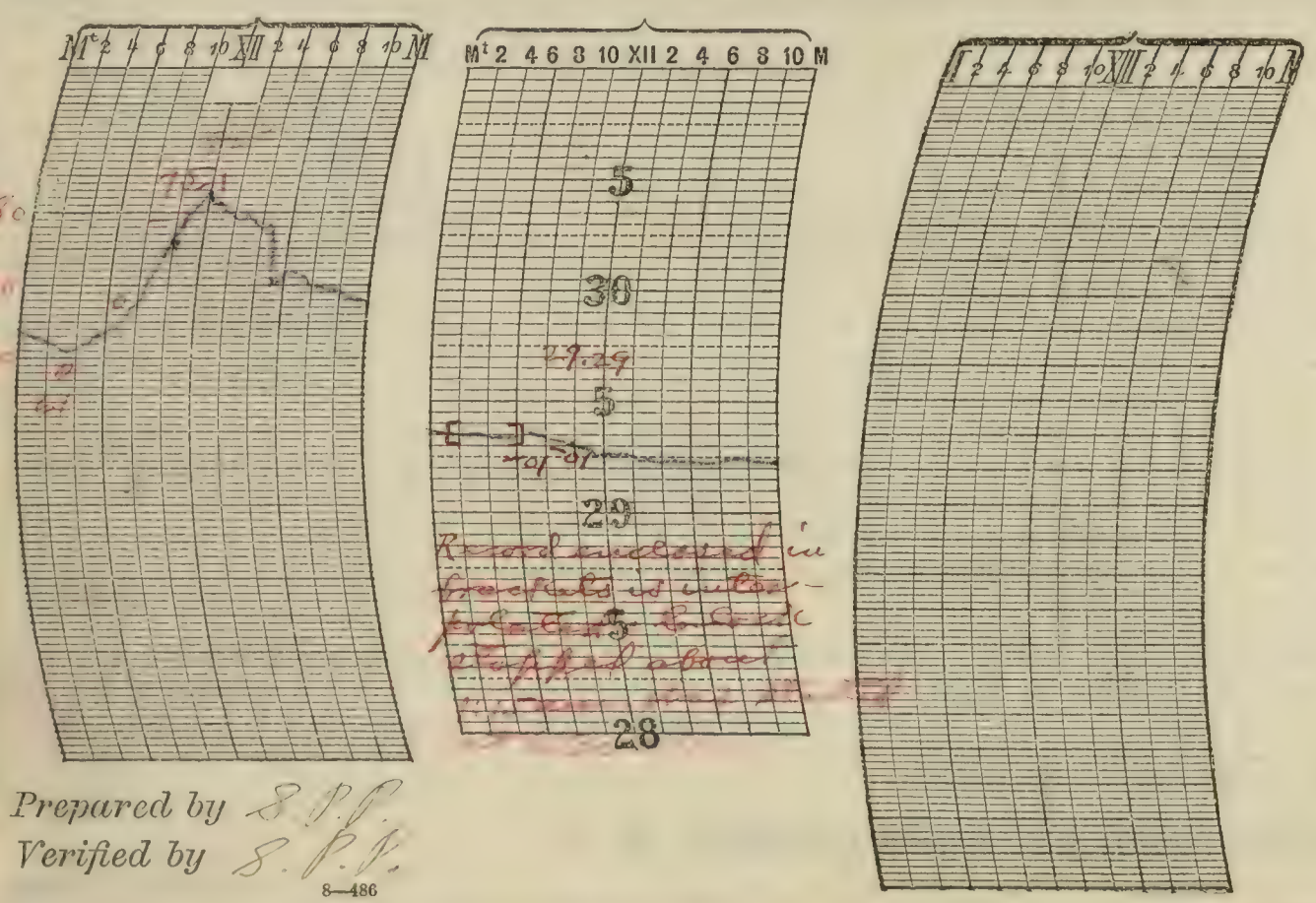
Extreme velocity 17 — SW — 1:08 pm

Relative humidity, 93 a. m. p. m.

Reduced barometer, 29.89 a. m. p. m.

River gage, 14.2, on stand

NOTES.



Prepared by S. P. F.

Verified by S. P. F.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) AUG 9 1912, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	68	67	66	66	65	66	66	67	68	71	75	76	77	72	65	67	68	68	66	65	65	64	64	63
State of weather: Nature of precipitation and time of beginning and ending			RB Drea			RE 5:35									RB 2:13	RE 3:50		RB 5:25 RE 5:30						
Amounts of precipitation			.02	.02		.01									.04	.01		T						
Cloudiness and other conditions											Cloudy										Clear			
Sunrise: Time, Character,	4:59 Cloudy																							
Sunset: Time, Character,																					7:03 Cloudy			
Sunshine (in tenths of hours)					0	0	0	0	0	0.1	0.9	0.3	0.2	0	0	0	0	0	0	0				
Wind direction	0	SW	W	W	W	W	W	SW	W	W	W	W	W	W	SW	SW	W	W	SE	S	SW	SW	SW	SW
Wind movement	0	3	5	2	3	3	3	4	4	5	7	5	5	5	9	6	4	2	3	2	6	3	5	5
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
77	63	70	74

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .05 ins.; to 7 p. m., .05 ins.

Total precipitation, midnight to midnight, .10 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 9

Actual sunshine, hours, 1.5

Possible sunshine, hours, 14.1

Percentage of possible sunshine, 11

Prevailing direction W. S. W.

Total movement, 99

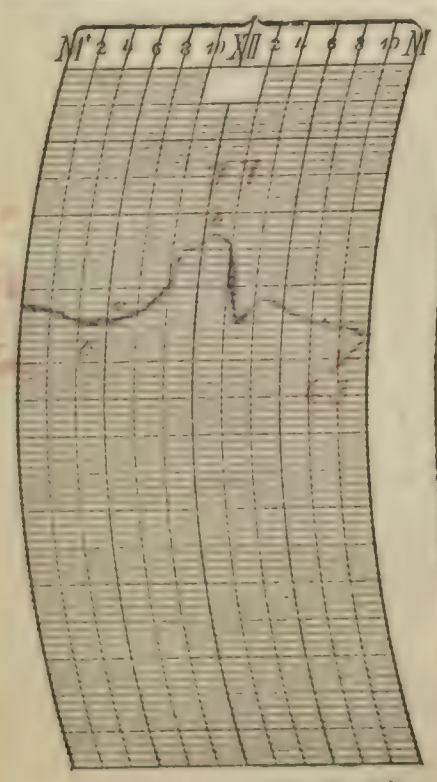
Average hourly velocity, 4.1

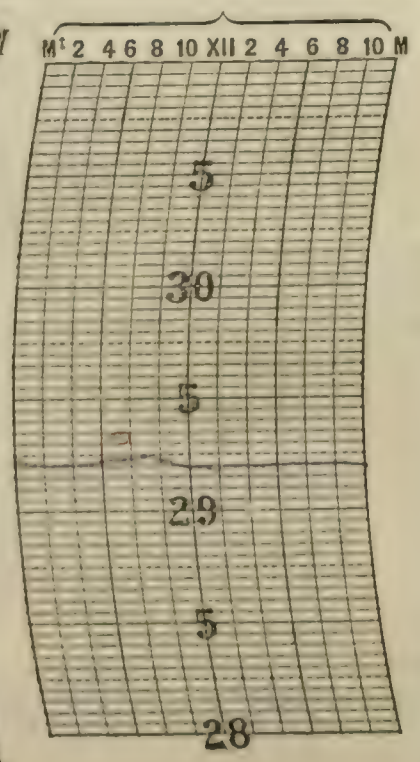
	Maximum velocity.	Direction.	Time.
	15	SW	2:55 pm
Extreme vel.,	15	SW	2:55 pm

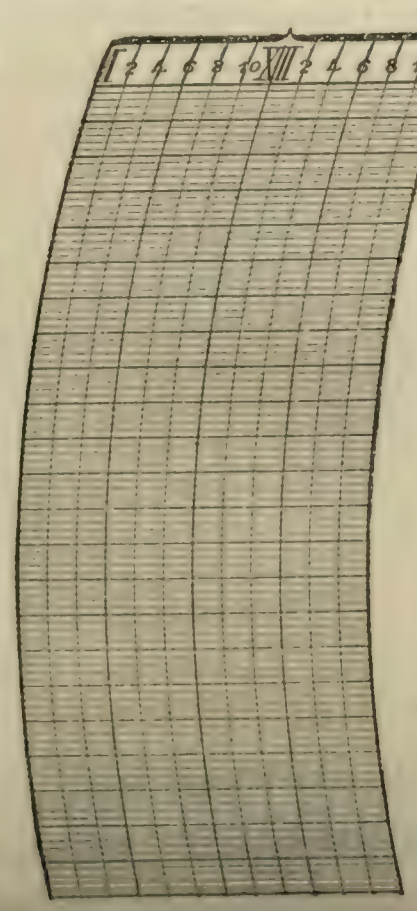
Relative humidity, 95 a. m. p. m.

Reduced barometer, 29.78 a. m. p. m.

River gage, 14.2, On stand







NOTES.

Thunderstorm: First thunder heard at 2:07 pm; last heard at 3:45 pm; storm came from N.

Prepared by S. P. S.
Verified by S. C. S.

8—186

Form No. 1014—Met. I.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) AUG 10 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	61	61	60	60	60	62	65	64	66	66	68
Nature of precipitation and time of beginning and ending											RB 10:51 RE 11:00	
Amounts of precipitation											T	
Cloudiness and other conditions										Cloudy		
Sunshine (in tenths of hours)	Sunrise: Time, 5:50 Character, Clear					1.0 0	1.0 0	x 0.5	0	0.2	0	0.2
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	6	5	6	5	5	6	8	10	11	10	11	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	65	65	65	65	65	66 +1	66	66	66		
Nature of precipitation and time of beginning and ending		RB 1:12					RE 6:15	RB 7:10	RE 8:20			
Amounts of precipitation		.11	.10	.08	.05	.01	T	T	T			
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0	0	0	0	0	0	Sunset: Time, 7:02 Character, Cloudy			
Wind direction	SW	SW	SW	W	W	W	SW	W	W	W	W	W
Wind movement	12	14	12	11	11	11	11	12	10	11	10	9

Maximum.	Minimum.	Mean.	Normal.
69	60	64	73

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .35 ins.

Total precipitation, midnight to midnight, .35 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 2.9

Possible sunshine, hours, 14.0

Percentage of possible sunshine, 21

Prevailing direction Southwest

Total movement, 230

Average hourly velocity, 9.6

Maximum velocity,	Direction,	Time.
20	SW	1:25 pm

Extreme vel., 20 — SW — 1:25 pm

Relative humidity, 93 a. m. p. m.

Reduced barometer, 29.74 a. m. p. m.

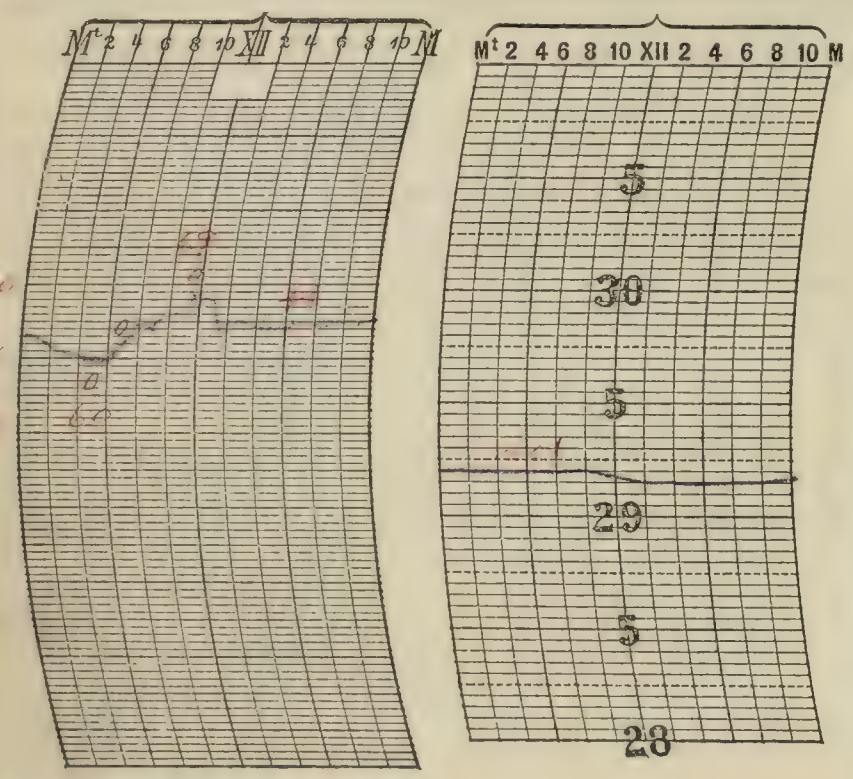
River gage, 14.3, rising

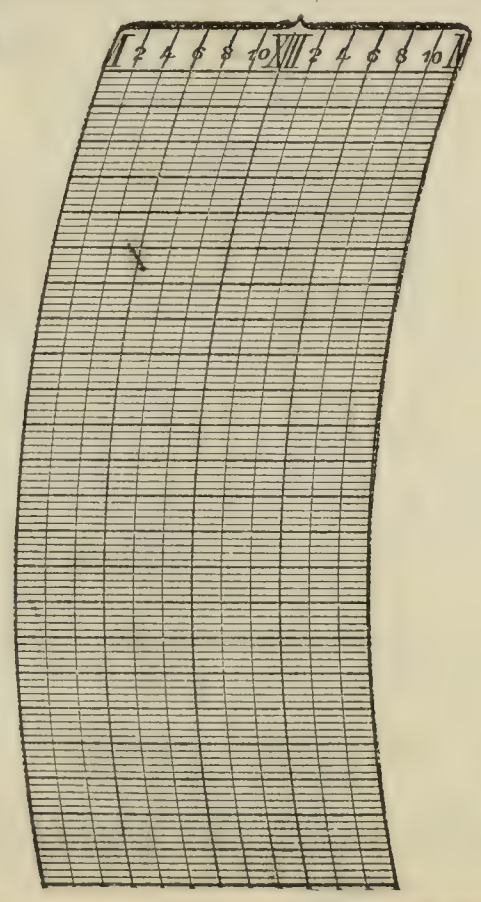
Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

x Eye observation.

NOTES.





Prepared by S. P. C.

Verified by S. P. C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) AUG 1 3 1919, 191

Time (local standard), 90th.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	65	65	63	63	64	65	66	67	66	66	68	69	71	72	74	74	73	70	67	65	64	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Cloudy									Clear							
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0.7	0.2	0.1	1.0	0.1	0.7 0.1	1.0 0					
Wind direction	W	W	W	W	W	W	NW	NW	NW	W	W	W	NW	NW	W	NW	NW	W	W	W	NW	NW	NW	NW
Wind movement	10	7	8	8	6	5	5	6	7	7	7	7	9	7	6	6	6	4	3	3	1	1	1	1
Maximum velocity (exceeding 25 miles) direction and time																								

Sunrise: Time, 5:02; Character, Cloudy

Sunset: Time, 7:00; Character, Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amount

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
75	61	67	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy; Moon phase.

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 3.9

Possible sunshine, hours, [illegible]

Percentage of possible sunshine, 28

Prevailing direction West

Total movement, 135

Average hourly velocity, 5.6

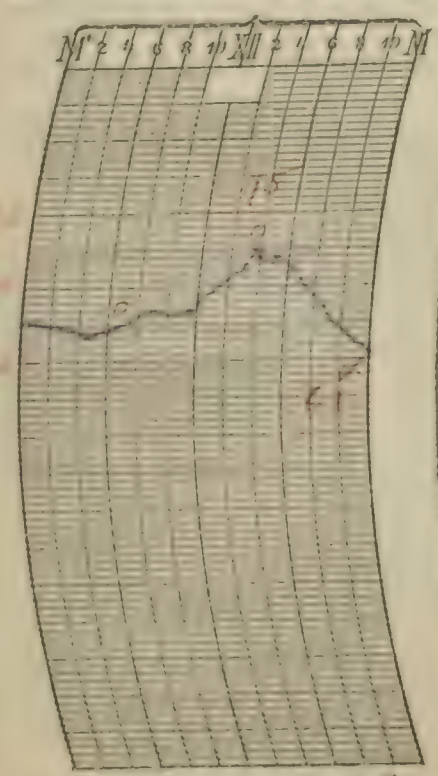
Maximum velocity,	Direction.	Time.
12	NW	11:38 a. m.
Extreme velocity 12	NW	11:38 a. m.

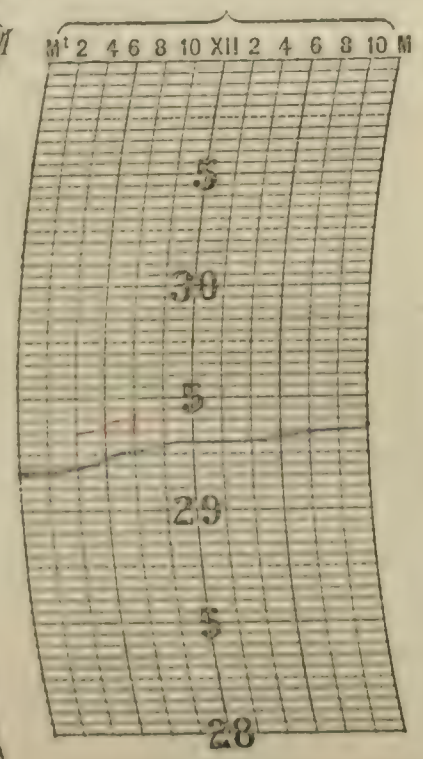
Relative humidity, 87 a. m. ..... p. m.

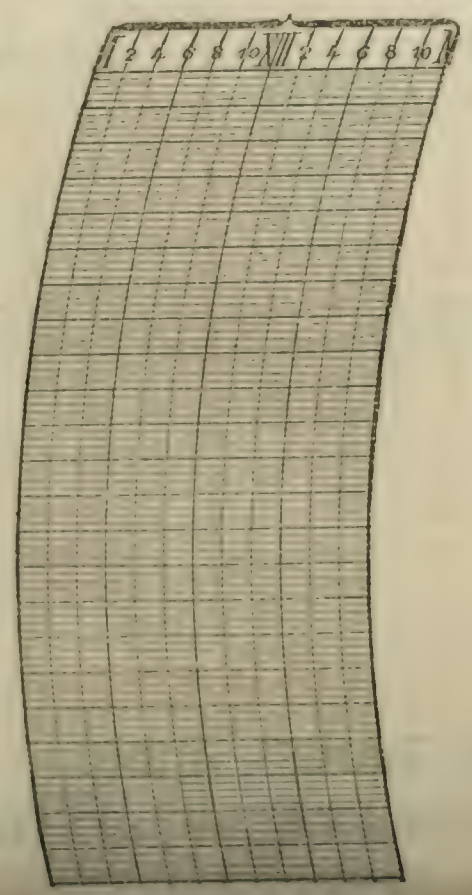
Reduced barometer, 29.80 a. m. ..... p. m.

River gage, 14.8, Over flood

NOTES.







Prepared by

Verified by

Form No. 1011—Mo. R.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Monday, (Date) AUG 12 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	60	61	60	60	61	64	66	68	73	74	75	77	81	81	82	80	80	78	75	73	73	72	72
State of weather: Nature of precipitation and time of beginning and ending									RB 8:10 RE 8:55															
Amounts of precipitation									T															
Cloudiness and other conditions																								
Sunrise: Time, 5:03 Character, Clear																					Sunset: Time, 6:59 Character, Clear			
Sunshine (in tenths of hours)						.95 0	1.0 0	0.3 0	0	0.6	0.1	0	0.8	1.0	1.0	1.0	1.0	0.5 0.5	.98 0					
Wind direction	NW	NW	SE	S	S	SE	SE	SE	E	SE	SE	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	1	1	1	1	2	2	4	6	7	7	13	7	9	9	9	7	8	9	5	5	4	4	5	5
Maximum velocities (exceeding 25 miles) direction and time																								

Note: Temperature 1-2 P.M. = 0; 3-4 P.M. = 0; 6-7 A.M. = 0.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

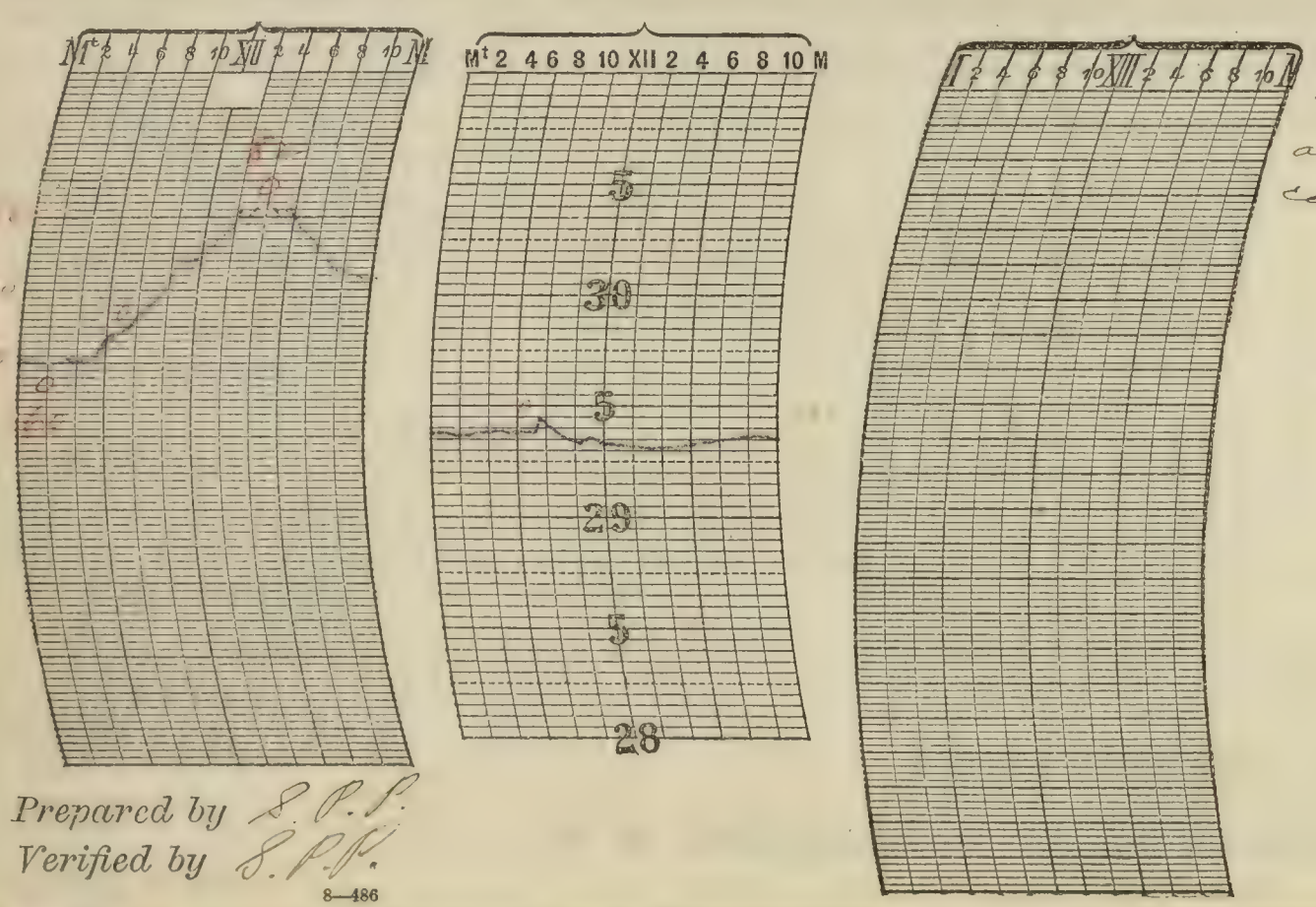
1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
82	60	71	73

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Partly cloudy Moon phase, 1:58 pm
Average daily cloudiness (0-10) 5
Actual sunshine, hours, 9.7
Possible sunshine, hours, 13.9
Percentage of possible sunshine, 70
Prevailing direction Southwest
Total movement, 131
Average hourly velocity, 5.5

Maximum velocity,	Direction,	Time.
17	W	7:37 am
Extreme vel., 20	W	7:36 am

Relative humidity, 86 a. m. ____ p. m.
Reduced barometer, 29.95 a. m. ____ p. m.
River gage, 14.2, falling



NOTES.

Thunderstorm; First thunder heard at 8:02 am; last heard at 8:02 am; storm came from W.

Prepared by S. P. S.
Verified by S. P. S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) AUG 13 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	71	76	75	69	69	71	75	79	83	82	77
State of weather: Nature of precipitation and time of beginning and ending		R B Dua R E Dua									R B 10:32	R E 11:50
Amounts of precipitation		.35									T	.01
Cloudiness and other conditions							Cloudy					
Sunshine (in tenths of hours)						.93 0	1.0 0	0.2 0.8	1.0	0.9	0	0
Wind direction	SW	SW	SW	W	W	SW	SW	SW	SW	SW	W	W
Wind movement	4	7	4	5	3	3	4	2	10	12	15	7

Sunrise: Time, 5:04 Character, Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	78	82	84	82	81	80	78	77	76	75	73	72
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		Pt. Cloudy					Clear					
Sunshine (in tenths of hours)	0.1	0.7	1.0	0.8	0.4	0.2 0	.97 0					
Wind direction	W	W	SW	SW	SW	SW	SW	SW	SW	W	W	W
Wind movement	5	8	14	13	11	7	5	7	8	3	4	3

Sunset: Time, 6:58 Character, Clear

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
84	69	76	73

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .35 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .36 inches.

Character of day, Pt Cldy Moon phase,

Average daily cloudiness (0-10) 6

Actual sunshine, hours, 9.0

Possible sunshine, hours, 13.7

Percentage of possible sunshine, 65

Prevailing direction Southwest

Total movement, 164

Average hourly velocity, 6.8

Maximum velocity,	Direction.	Time.
17	W	[illegible]
Extreme vel. 19	W	10:56 a. m.

Relative humidity, 93 a. m. p. m.

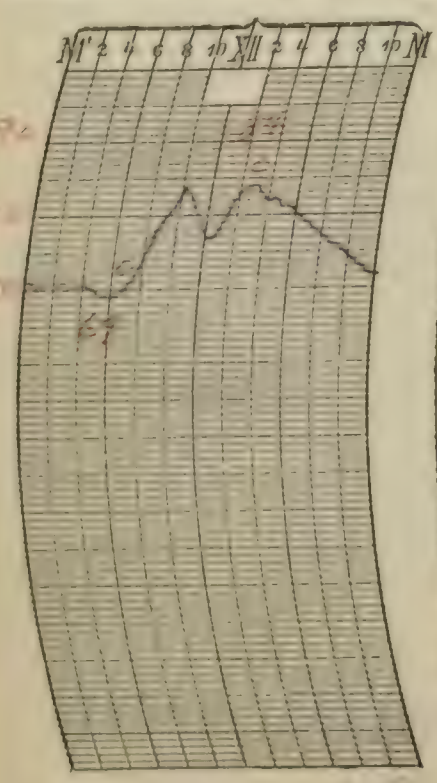
Reduced barometer, 29.97 a. m. p. m.

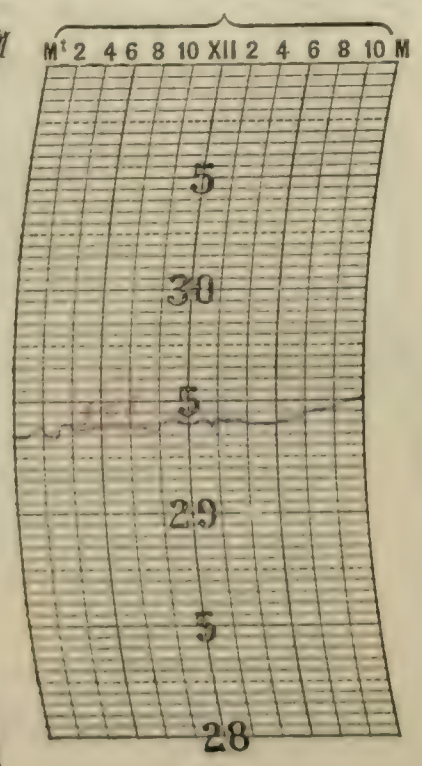
River gage, 14.3 [illegible]

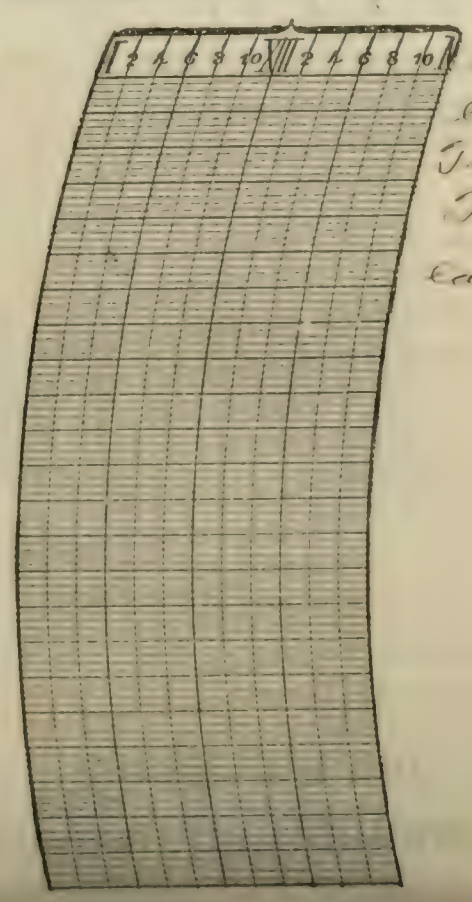
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts.







NOTES.

Thunderstorm: First thunder heard Dua; last heard 2:30 a; storm came from W. This storm was quite a storm.

Thunderstorm: First thunder heard at 10:56 a; last heard at 11:45 a m, storm came from W.

Prepared by S. C. H.

Verified by S. C. H.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL., (Day of week) Wednesday, (Date) AUG 14 1912, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	69	68	67	66	66	68	76	79	81	83	83
						0	+1					
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear						
Sunrise: Time, 5:05 Character, Clear												
Sunshine (in tenths of hours)						.92 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	NW	NW	NW	NW
Wind movement	2	4	2	2	2	1	2	2	4	4	5	6
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	85	84	84	83	82	80	77	73	70	68	67	66
			-1									
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Partly Cloudy				Clear		
Sunset: Time, 6:56 Character, Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.9	0.7	0.4 0	.93 0					
Wind direction	N	NW	NW	N	NW	NW	NW	O	NW	O	NW	NW
Wind movement	6	5	6	7	5	3	1	0	1	0	1	1
Maximum velocities (exceeding 25 miles) direction and time												

Maximum.	Minimum.	Mean.	Normal.
85	65	75	

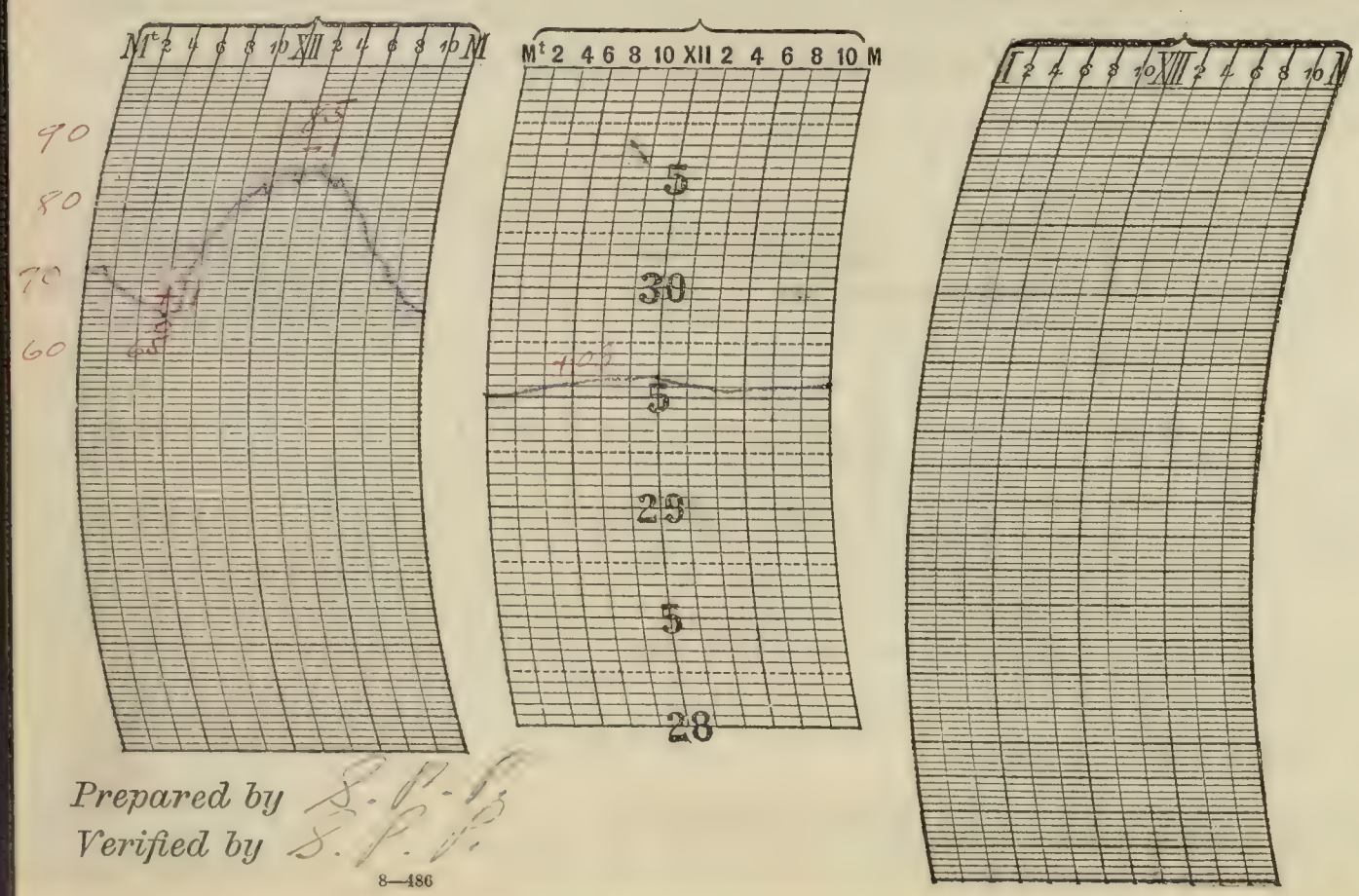
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 3
Actual sunshine, hours, 12.8
Possible sunshine, hours, 13.8
Percentage of possible sunshine, 93
Prevailing direction Northwest
Total movement, 72
Average hourly velocity, 3.0

Maximum velocity,	Direction,	Time.
9	NW	1:35 pm
9 — NW		1:35 pm

Extreme vel.,

Relative humidity, 88 a. m. p. m.
Reduced barometer, 30.17 a. m. p. m.
River gage, 14.3, on stand.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.



NOTES.

Prepared by S. P. C.
Verified by S. P. C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) AUG 15 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	64	63	62	61	61	60	61	68	75	78	81	78	78	78	77	75	72	70	68	66	64	62	61	60
State of weather: Nature of precipitation and time of beginning and ending													RB 12:07 RE 12:25											
Amounts of precipitation													T											
Cloudiness and other conditions			Fog																					
Sunrise: Time, Character,	5:06 Foggy																				Sunset: Time, Character, 6:55 Cloudy			
Sunshine (in tenths of hours)						0	0.2 0	0.2 0.8	1.0	1.0	1.0	0.8	0.2	0.8	0.9	0.6	0	0	0					
Wind direction	0	0	NW	NW	NW	0	NW	NW	NE	NE	N	E	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	0	0	1	1	1	0	1	2	2	3	6	4	6	12	11	12	12	11	10	9	10	11	10	9
Maximum velocities (exceeding 25 miles) direction and time																								

Excessive precipitation, accumulated amounts.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	82	60	71	72

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cody Moon phase,

Average daily cloudiness (0–10) 7

Actual sunshine, hours, 7.5

Possible sunshine, hours, 13.8

Percentage of possible sunshine, 54

Prevailing direction Northeast

Total movement, 144

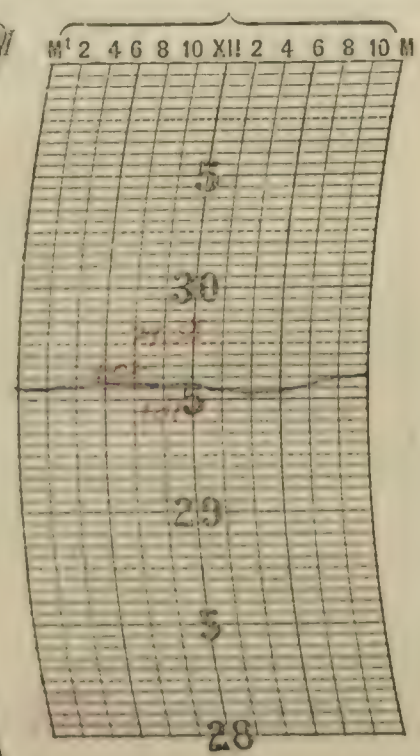
Average hourly velocity, 6.0

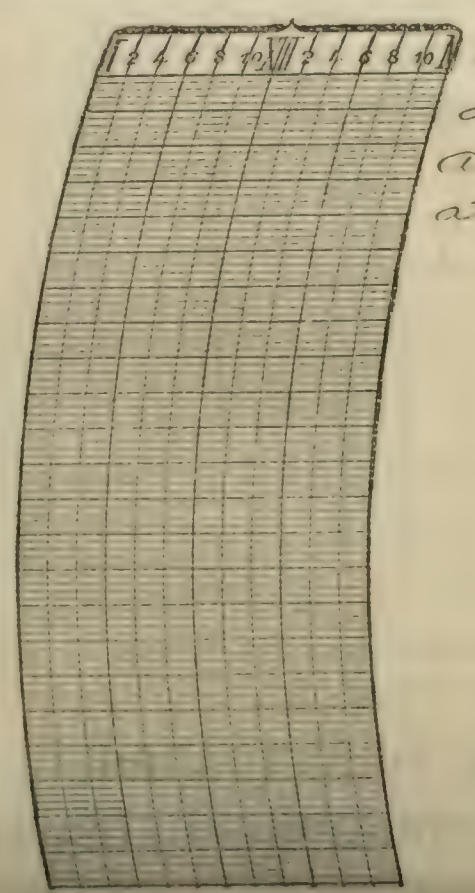
Maximum velocity.	Direction.	Time.
17	NE	1:19 pm
17	NE	1:19 pm

Relative humidity, 100 a. m. p. m.

Reduced barometer, 30.16 a. m. p. m.

River gage, 12.2 falling





NOTES.

Dense fog formed in the a, became light at 6:45 am, and disappeared at 8:00 am. At 6:30 am the fog obscured objects at a distance of 65 feet.

Prepared by S. P. L.

Verified by S. P. L.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) AUG 1 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	60	59	59	59	58	57	62	65	66	68	69
State of weather: Nature of precipitation and time of beginning and ending						RB 5:30 RE 5:32						
Amounts of precipitation						T						
Cloudiness and other conditions											Cloudy	
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E
Wind movement	8	8	9	8	8	9	10	10	8	6	6	4

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	71	72	73	72	72	71	69	68	68	68	66
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								Clear	Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	6	5	6	7	6	5	5	4	5	4	4	4

Sunrise: Time, 5:07 Character, Cloudy

Sunset: Time, 6:57 Character, Cloudy

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
73	58	66	72

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 13.8

Percentage of possible sunshine, 0

Prevailing direction East

Total movement, 155

Average hourly velocity, 6.5

Maximum velocity, 14 Direction, E Time. 7:26 am

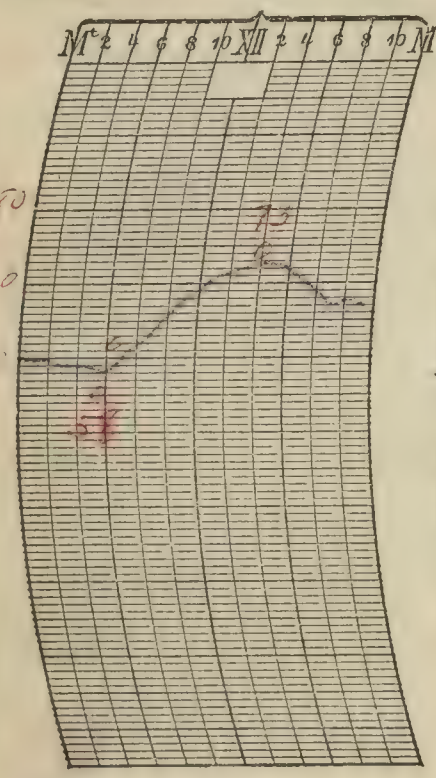
Extreme vel. 14 E 7:26 am

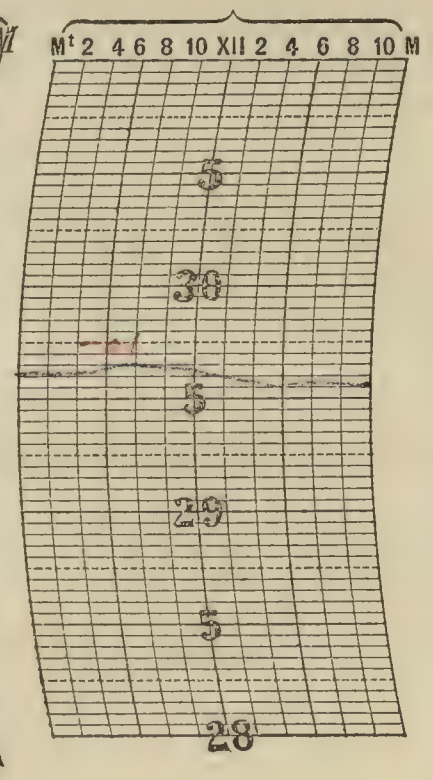
Relative humidity, 76 a. m. p. m.

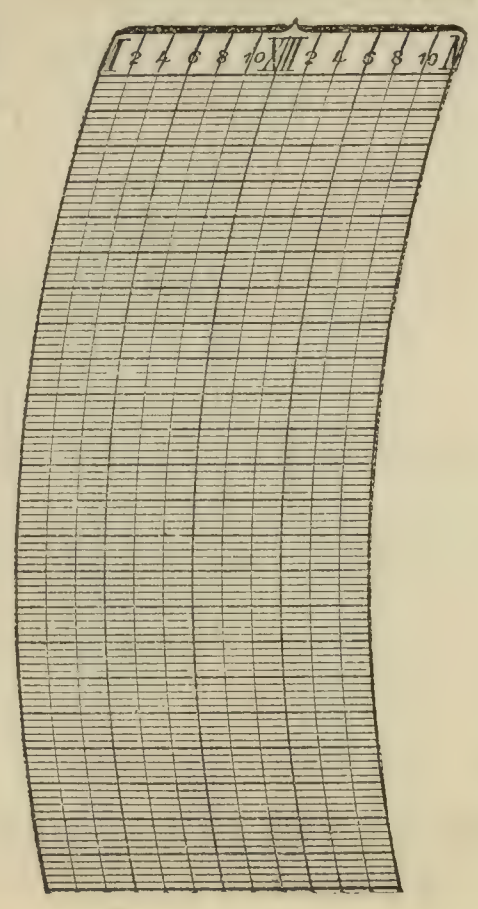
Reduced barometer, 30.20 a. m. p. m.

River gage, 14.2, 0 on a trend.

NOTES.







Prepared by S. P. P.
Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) AUG 17 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	64	64	64	64	65	66	68	71	77	82	85	87	90	90	90	89	87	84	82	81	80	80	79
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions			Lt fog	Cloudy																	Moon visible			
Sunrise: Time, 5:08 Character, Cloudy																								
Sunset: Time, 6:52 Character, Clear																								
Sunshine (in tenths of hours)						0	0	0	0.1	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0					
Wind direction	E	E	E	E	E	E	SE	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	3	2	5	3	3	4	2	3	4	7	11	12	14	15	17	14	14	10	7	5	6	7	9	9
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
90	64	77	72

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 3

Actual sunshine, hours, 9.7

Possible sunshine, hours, 13.7

Percentage of possible sunshine, 71

Prevailing direction Southwest

Total movement, 186

Average hourly velocity, 7.8

Maximum velocity,	Direction,	Time.
19	SW	1:57 pm
Extreme vel., 22	SW	1:58 pm

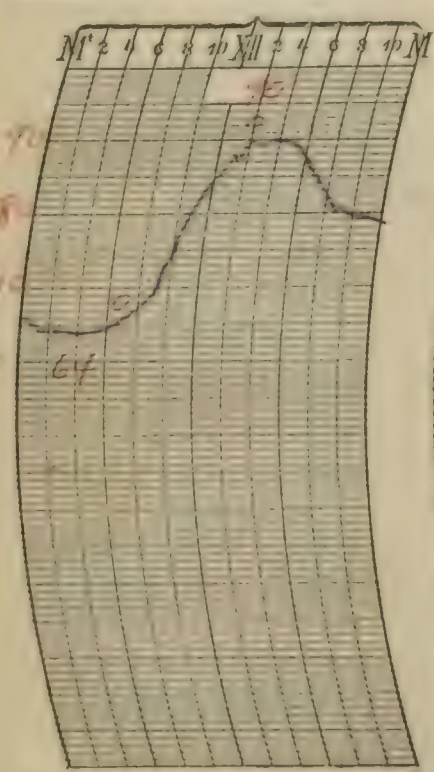
Relative humidity, 93 a. m. p. m.

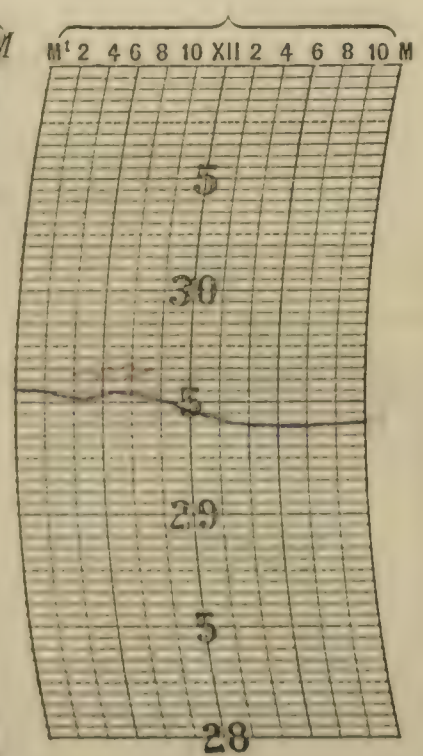
Reduced barometer, 30.08 a. m. p. m.

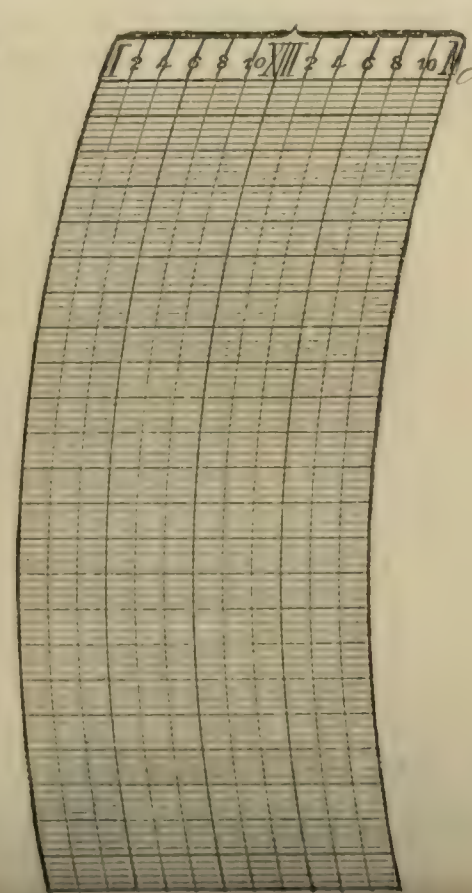
River gage, 14.5 rising

NOTES.

Lt fog formed 2 a.m.; ended at 8:00 a.m.







Prepared by

Verified by

8—186

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) AUG 18 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	78	77	76	76	74	75	76	82	86	89	91	90
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					
Sunrise: Time, Character, 5:09 Clear												
Sunshine (in tenths of hours)						.85 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	8	11	8	5	7	7	9	10	12	12	11
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	92	93	93	92	90	88	84	81	80	82	72	70
State of weather: Nature of precipitation and time of beginning and ending							Thunderstorm					
Amounts of precipitation												
Cloudiness and other conditions	Pt Cldy					Clear			Cldy			
Sunset: Time, Character, 6:51 Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.7 0.2	0 .85					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	N	NE
Wind movement	12	14	16	15	15	12	7	4	6	8	12	9
Maximum velocities (exceeding 25 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
94	70	82	72

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 3

Actual sunshine, hours, 13.7

Possible sunshine, hours, 13.7

Percentage of possible sunshine, 100

Prevailing direction Southwest

Total movement, 238

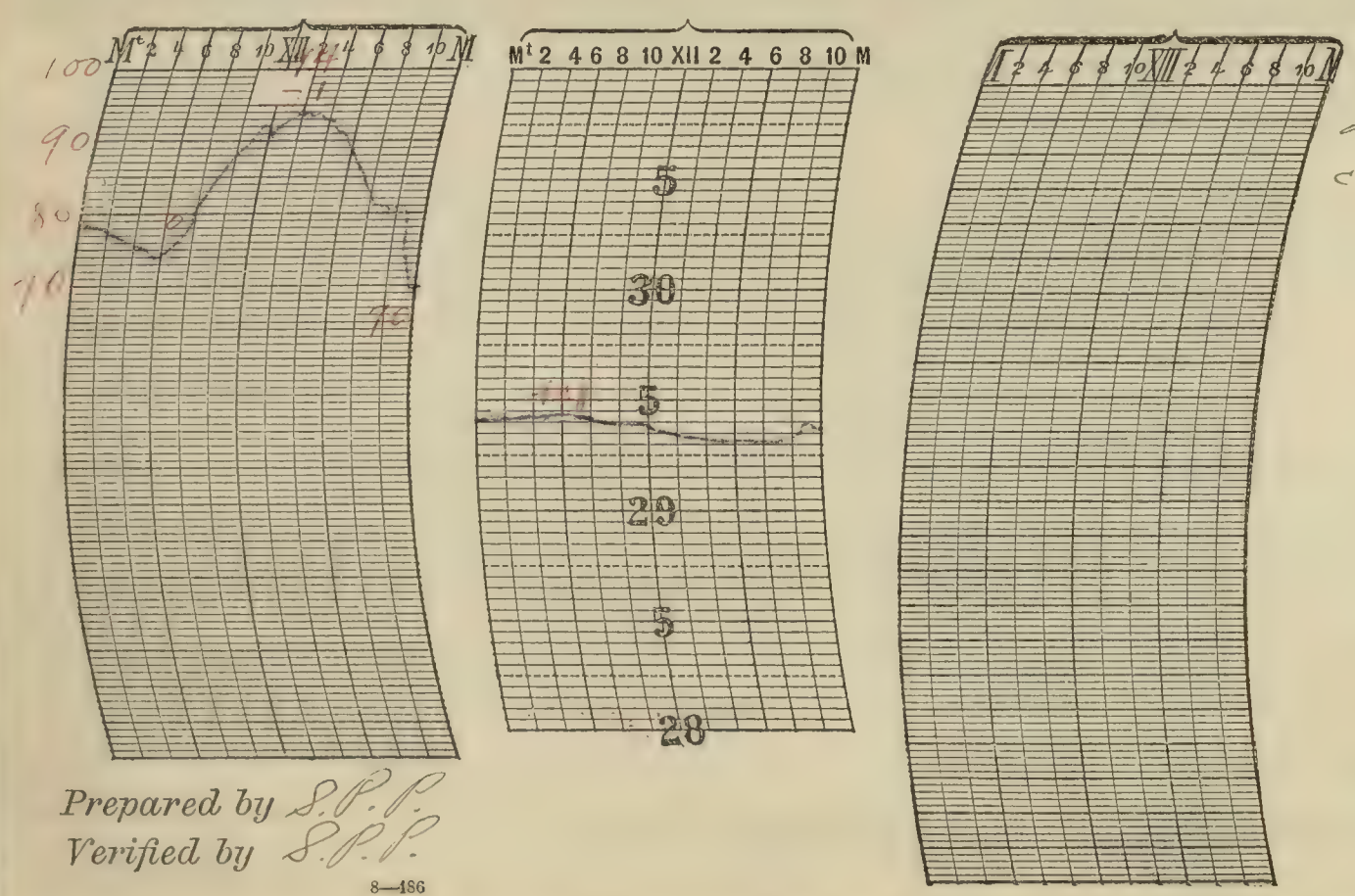
Average hourly velocity, 9.9

Maximum velocity,	Direction,	Time.
Extreme vel., 26	NE	10:44 pm
23	NE	10:45 pm

Relative humidity, 88 a. m. p. m.

Reduced barometer, 29.98 a. m. p. m.

River gage, 14.4, falling



NOTES.

Thunderstorm: First thunder heard at 10:45 p; last heard next day; storm came from N.W.

Prepared by S.P.P.
Verified by S.P.P.

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Monday, (Date) AUG 19 1912 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	67	68	66	67	68	68	67	68	68	67	68
State of weather: Nature of precipitation and time of beginning and ending		R D Ha		R E D Ha			R B 6:20					
Amounts of precipitation		.54		.42	.05		.04	.12	.20	.29	.16	.15
Cloudiness and other conditions								Cloudy				
Sunrise: Time, Character,	5:10 Cloudy											
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	E	N	E	N	E	SE	N	NW	NW	W	SW	SW
Wind movement	5	10	6	9	3	2	5	7	2	3	5	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	75	82	84	85	84	79	75	75	75	67	68
State of weather: Nature of precipitation and time of beginning and ending	R E 12:50						R B 6:50					
Amounts of precipitation	.05						.06	.10	T	.03	.61	.03
Cloudiness and other conditions			Clear				Cloudy					
Sunset: Time, Character,									6:49 Cloudy			
Sunshine (in tenths of hours)	0	0.7	1.0	1.0	1.0	0.1	0					
Wind direction	SW	NE	SW	SW	SW	SW	SW	E	E	E	NE	E
Wind movement	11	9	8	12	7	2	5	8	5	7	13	12

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
86	66	76	72

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches

Precipitation to 7 a. m., 1.04 ins.; to 7 p. m., 2.85 ins.

Total precipitation, midnight to midnight 2.85 inches.

Character of day, Partly Cloudy Moon phase, D [illegible]

Average daily cloudiness (0-10) 7

Actual sunshine, hours, 3.8

Possible sunshine, hours, 13.6

Percentage of possible sunshine, 28

Prevailing direction Southwest

Total movement, 161

Average hourly velocity, 6.7

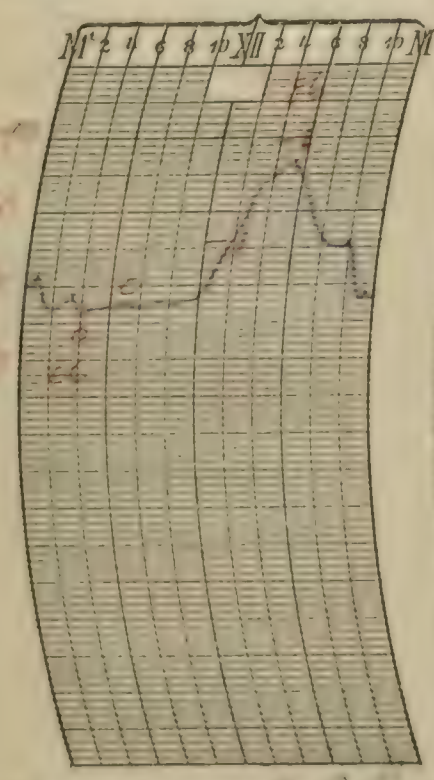
	Maximum. velocity,	Direction,	Time.
Extreme vel.	18	NE	10:35 pm
	19	NE	10:36 pm

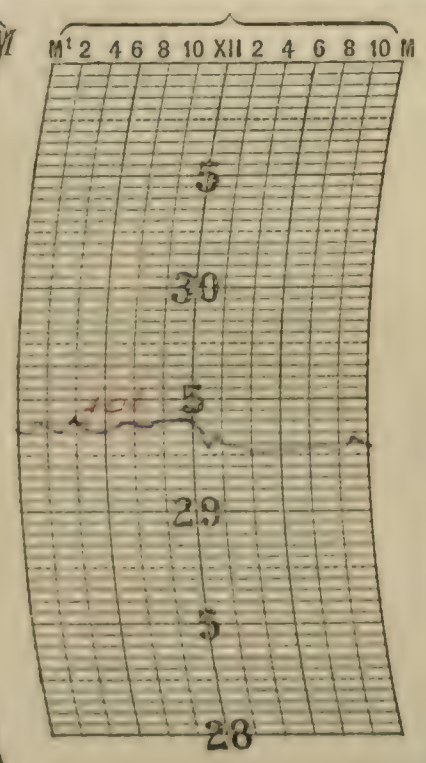
Relative humidity, 96 a. m. ____ p. m.

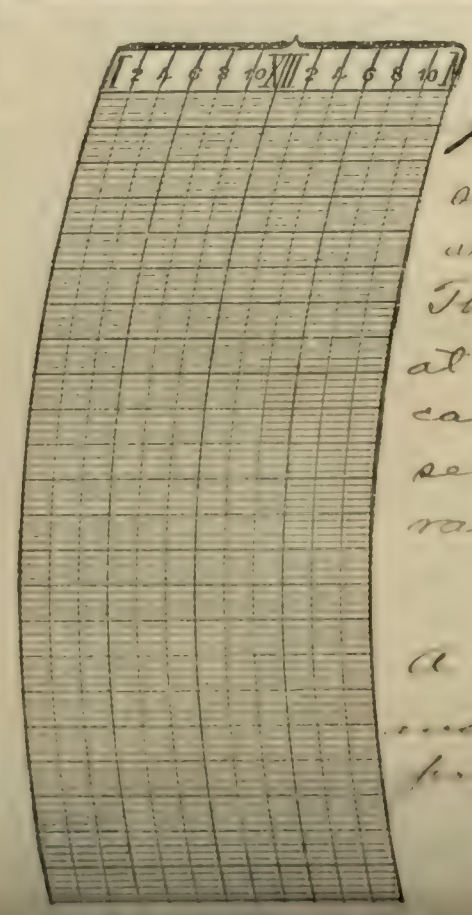
Reduced barometer, 29.97 a. m. ____ p. m.

River gage, 1'4.5 [illegible]

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
	6:50p	D Ha 20	.83	10:45p	10:54p	.44	.26	36 35												







NOTES.

Thunderstorm: First thunder heard preceding day; last heard at 10:15 a; storm came from N.W. This storm was attended by heavy rain.

Thunderstorm: First thunder heard at 7:15 pm; last heard next day. Storm came from N.W. This storm was quite severe and was attended by heavy rain.

A special observation was taken at 1:40 pm and telegraphed to Washington. The pressure fell rapidly.

Prepared by [illegible]

Verified by [illegible]

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) AUG 20 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	68	66	66	66	66	68	74	79	81	83	84
State of weather: Nature of precipitation and time of beginning and ending		R		ED		Ha						
Amounts of precipitation	T											
Cloudiness and other conditions					Clear					Pt Cldy		
Sunrise: Time, 5:11 Character, Clear												
Sunshine (in tenths of hours)						0	0.2	1.0	1.0	1.0	1.0	1.0
Wind direction	E	SE	N	N	N	NW	NW	W	NW	NW	NW	NW
Wind movement	6	2	2	2	1	3	3	5	7	6	7	6

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	85	84	85	83	84	81	79	77	75	73	72	70
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cldy			Cldy	Pt Cldy				Moon visible	Clear		
Sunset: Time, 6:48 Character, Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.5	0.6	0.2	0					
Wind direction	NW	NW	W	W	W	W	W	W	W	W	W	W
Wind movement	9	9	11	7	5	4	2	1	2	2	3	2

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
85	65	75	71

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .83 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cldy Moon phase,

Average daily cloudiness (0-10) 4

Actual sunshine, hours, 12.7

Possible sunshine, hours, 13.6

Percentage of possible sunshine, 93

Prevailing direction West

Total movement, 107

Average hourly velocity, 4.5

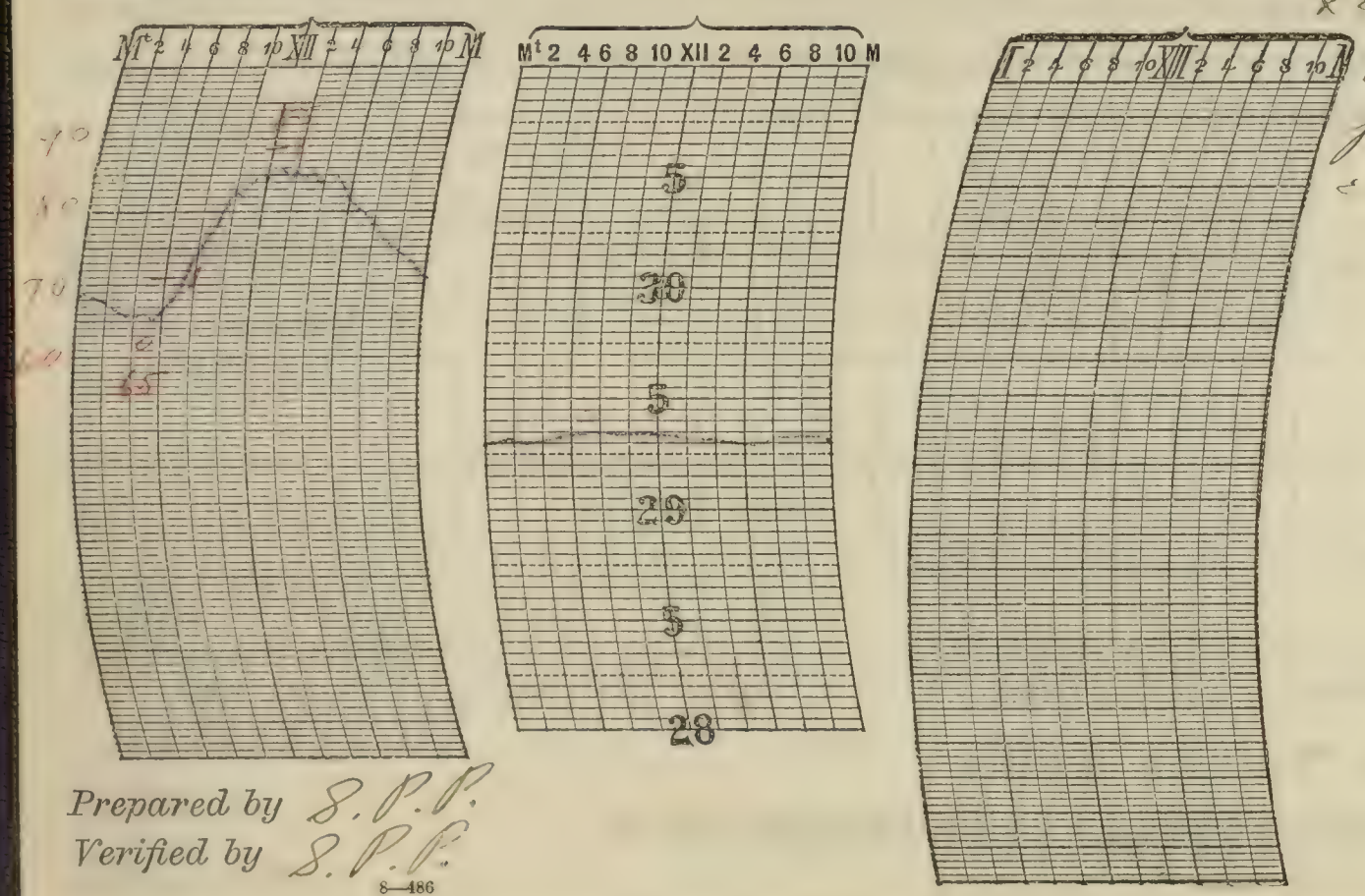
Maximum velocity,	Direction,	Time.
13	W	1:31 pm
Extreme vel., 13	W	1:31 pm

Relative humidity, 90 a. m. p. m.

Reduced barometer, 29.91 a. m. p. m.

River gage, 15.6, rising

× Eye observation.



NOTES.

Thunderstorm: First thunder heard preceding day; last heard Ha; storm came from NW.

Prepared by S. P. P.
Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) AUG 21 1912 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	69	69	68	68	68	70 (-1)	74	77	79	80	82
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					× Pt Cldy
Sunrise: Time, Character,	5:12 Clear											
Sunshine (In tenths of hours)						.80 0	0.9 0.1	× 1.0	1.0	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	SW	W	W	W
Wind movement	3	2	2	3	3	2	4	4	7	9	9	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	83 (-1)	82	80	81	78	77	73	72	69	67	67	67
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation									Moon visible			
Cloudiness and other conditions	× Pt Cldy			× Cldy		× Cldy	× Pt Cldy		× Clear			
Sunset: Time, Character,									6:46 Clear			
Sunshine (In tenths of hours)	1.0	1.0	1.0	1.0	0.3	0.7 0	.77 0					
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	12	12	13	11	10	7	5	6	6	5	5	5

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
83	67	75	71

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cldy Moon phase,

Average daily cloudiness (0-10) 4

Actual sunshine, hours, 12.6

Possible sunshine, hours, 13.6

Percentage of possible sunshine, 93

Prevailing direction West

Total movement, 156

Average hourly velocity, 6.5

Maximum velocity,	Direction,	Time.
16	W	2:39 pm
Extreme Vel. 16	W	2:39 pm

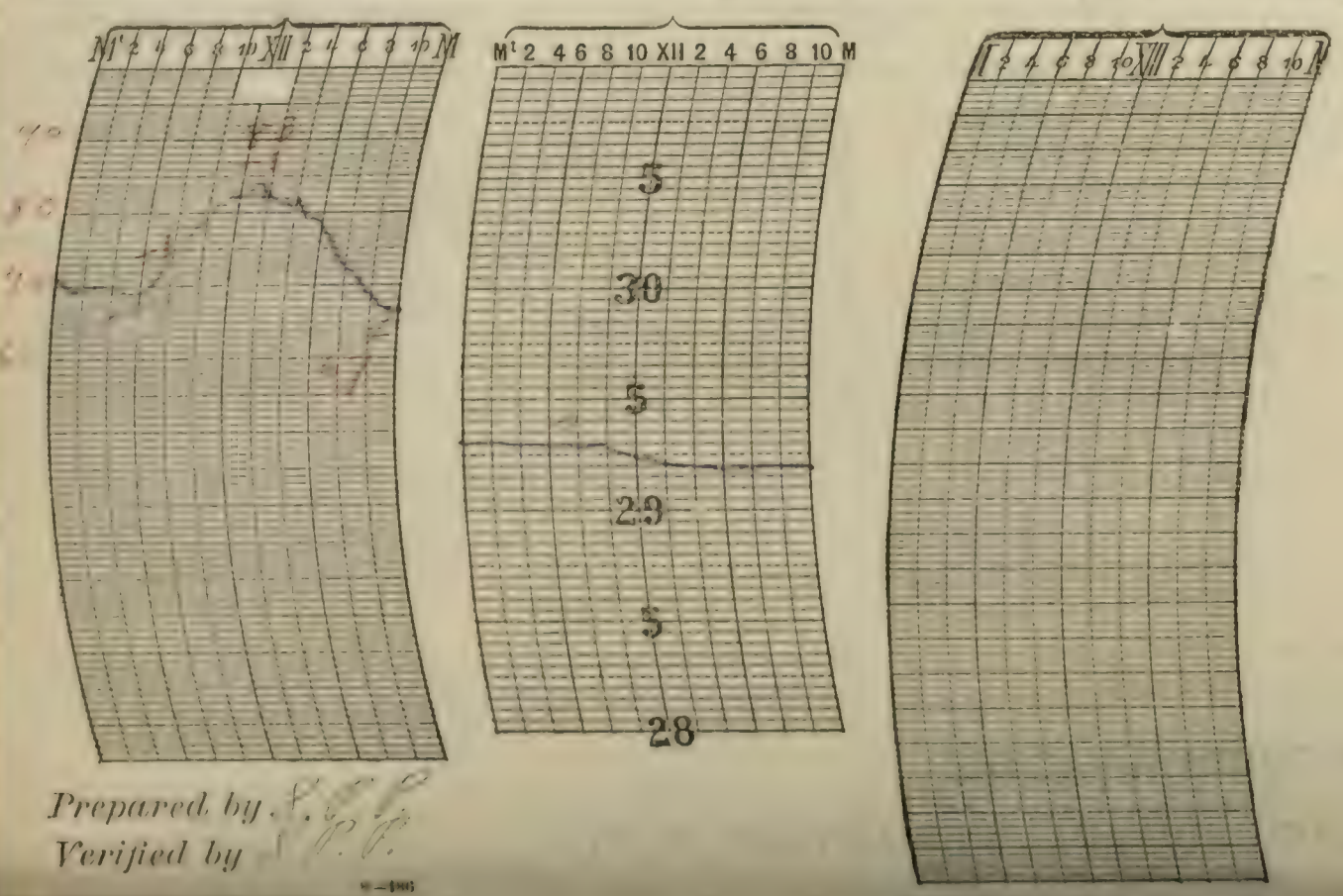
Relative humidity, 84 a. m. p. m.

Reduced barometer, 29.85 a. m. p. m.

River gage, 15.4, falling.

× Eye observation

NOTES.



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) AUG 22 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	64	64	64	63	64	65	69	75	78	78	75
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy		Clear	Pt Cldy		Cloudy		
Sunshine (in tenths of hours)						0	0.3 0	0.4	1.0	0.8	0.5	0.5
Wind direction	W	W	SW	SW	SW	SW	SW	SW	SW	W	W	W
Wind movement	5	5	7	7	6	8	8	11	14	13	13	13

Sunrise: Time, 5:13; Character, Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	73	75	73	72	72	68	66	66	64	62	
State of weather: Nature of precipitation and time of beginning and ending				RB 3:55	RE 4:04							
Amounts of precipitation				T	T							
Cloudiness and other conditions	Cloudy		Pt Cldy		Clear	Pt Cldy		Clear		Moon visible		
Sunshine (in tenths of hours)	1.0	0.8	0.9	0.6	0.1	0.2 0	.75 0					
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	13	13	12	11	7	8	5	4	4	5	3	3

Sunset: Time, 6:45; Character, Clear

	Maximum.	Minimum.	Mean.	Normal.
Temperature	78	61	70	71

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cldy Moon phase,

Average daily cloudiness (0-10) 6

Actual sunshine, hours, 7.8

Possible sunshine, hours, 13.5

Percentage of possible sunshine, 58

Prevailing direction Northwest

Total movement, 198

Average hourly velocity, 8.2

Maximum velocity,	Direction,	Time.
17	W	11:04 am
Extreme vel., 19	W	11:05 am

Relative humidity, 82 a. m. p. m.

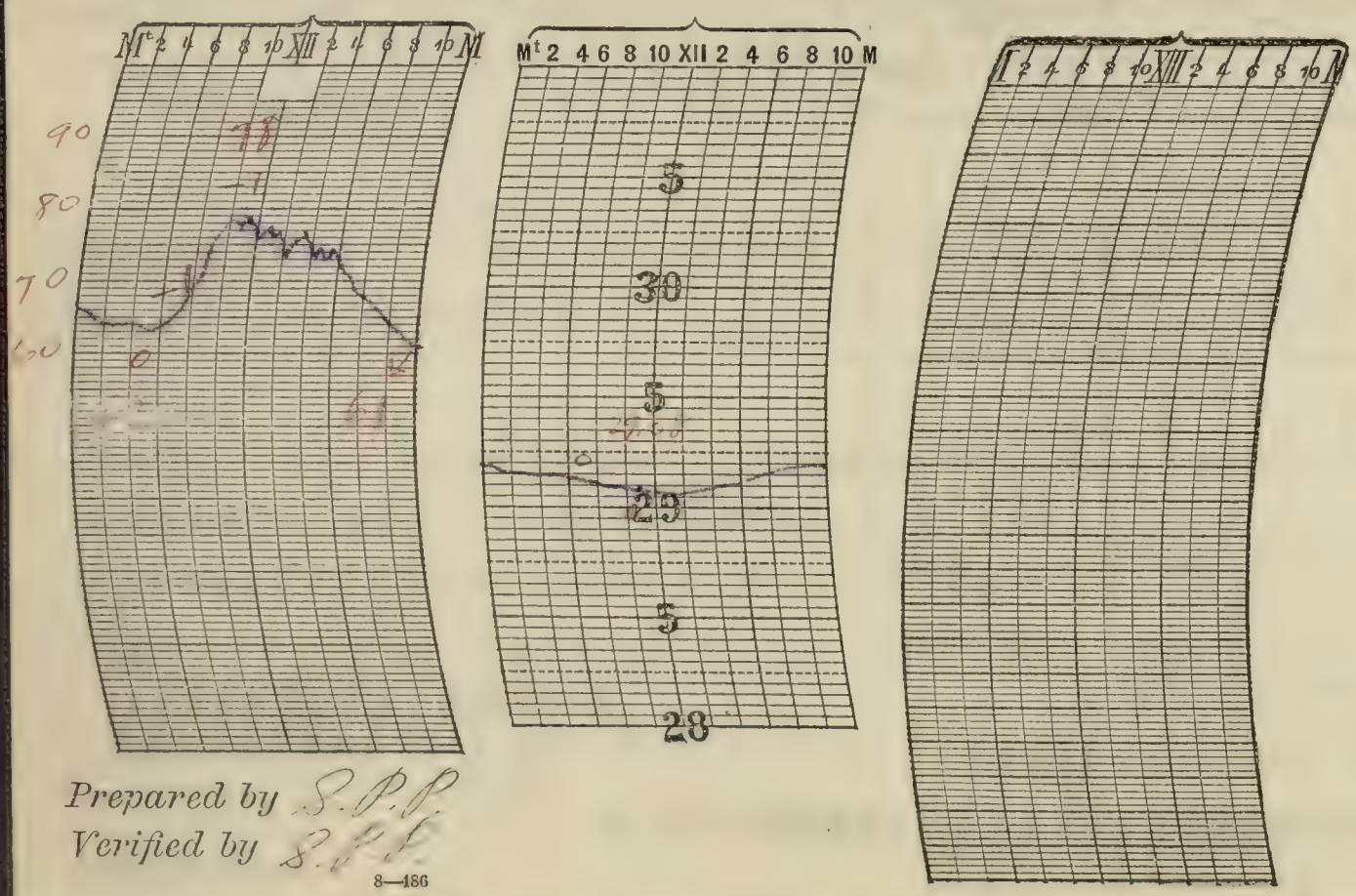
Reduced barometer, 29.68 a. m. p. m.

River gage, 15.8, rising

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

NOTES.



Prepared by S. P. P.
Verified by S. P. P.

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL, (Day of week) Friday, (Date) AUG 23 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	60	59	58	57	57	59	63	68	71	73	73
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
State of weather: Clouds and other conditions	Moon visible										Clear	
Sunshine (in tenths of hours)						.77 0	1.0 0	1.0	1.0	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	3	3	3	3	4	3	3	5	5	9	11	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	75	76	76	76	75	71	68	67	66	66	65
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
State of weather: Clouds and other conditions										Moon visible		
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0 0	.72 0					
Wind direction	W	W	W	W	W	W	W	SW	S	SW	SW	SW
Wind movement	10	9	9	7	7	3	2	2	3	3	3	2

Sunrise: Time, 5:14 Character, Clear

Sunset: Time, 6:43 Character, Clear

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	77	57	67	70

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) Fair

Actual sunshine, hours, 13.5

Possible sunshine, hours, 13.5

Percentage of possible sunshine, 100

Prevailing direction West

Total movement, 123

Average hourly velocity, 5.1

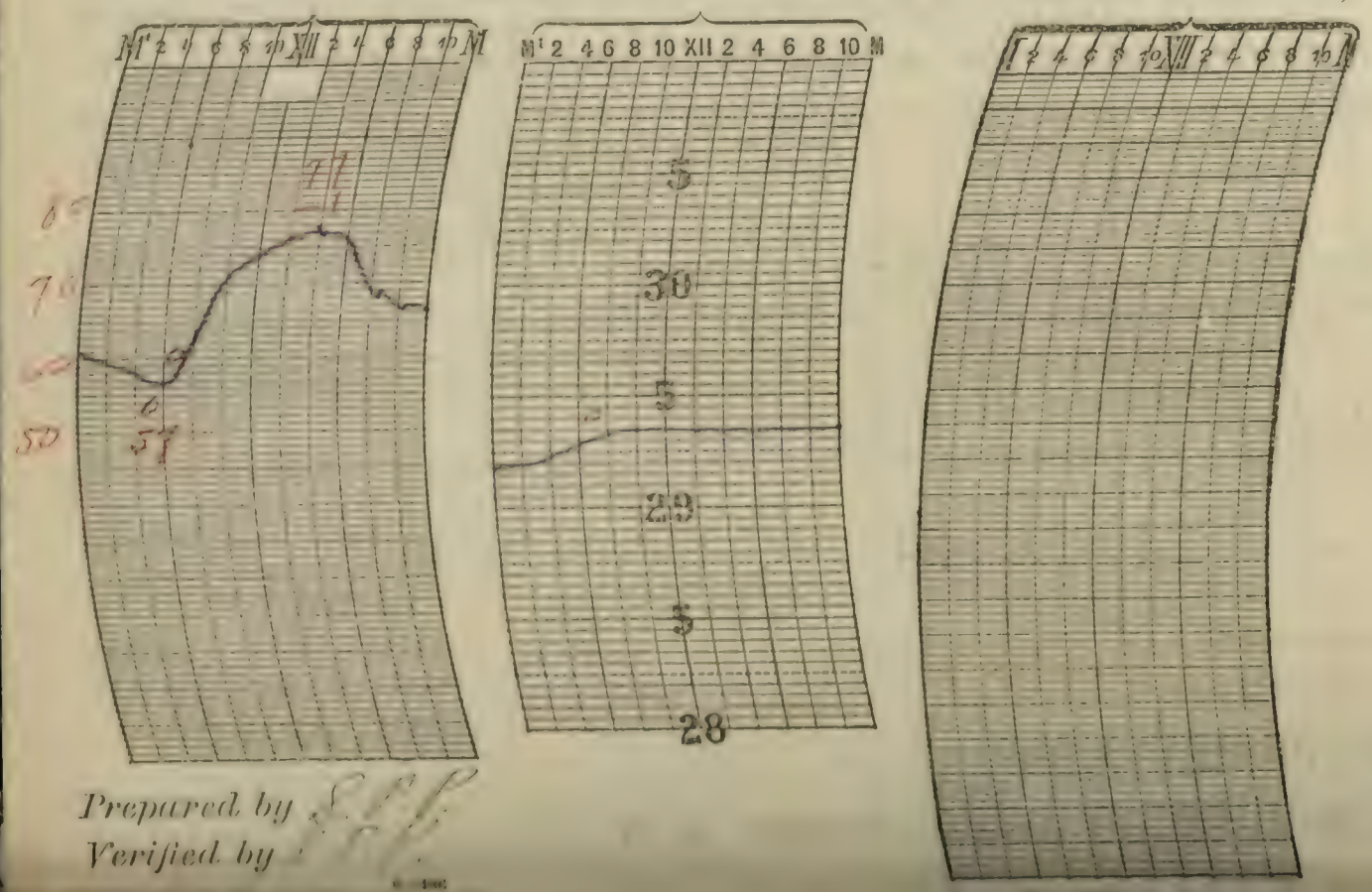
Maximum velocity,	Direction.	Time.
15	NW	10:33 a.m.
extreme vel. 15	NW	10:33 a.m.

Relative humidity, 89 a. m. p. m.

Reduced barometer, 29.86 a. m. p. m.

River gage, 16.3, rising

NOTES.



Prepared by

Verified by

Form No. 1014—Met. I.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) AUG 24 1912, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	66	66	67	67	67	70 (-1)	74	78	83	86	88	89 (-1)	89	90	89	88	85	83	81	80	78	76	75
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Moon visible						Clear						Partly cloudy			Clear						Moon visible		
Sunrise: Time, 5:15; Character, Clear																					Sunset: Time, 6:42; Character, Clear			
Sunshine (in tenths of hours)						.75 0	.9 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	1.0	0.8	0.9 0.1	.70 0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	2	4	4	5	9	12	12	13	14	13	15	15	17	20	20	19	18	13	11	9	9	11	5	3
Maximum velocities (exceeding 25 miles) direction and time														1:38 SW 25										

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
90	65	78	70

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 2

Actual sunshine, hours, 13.0

Possible sunshine, hours, 13.4

Percentage of possible sunshine, 97

Prevailing direction Southwest

Total movement, 273

Average hourly velocity, 11.4

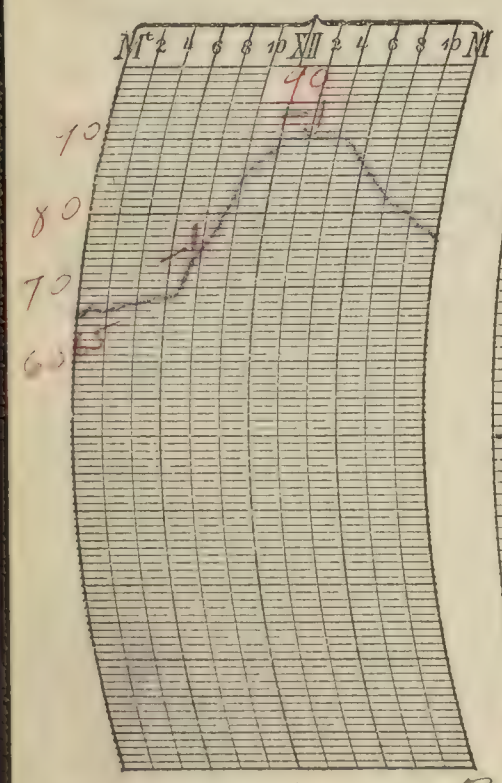
Maximum velocity,	Direction,	Time.
25	SW	1:38 pm
Volume vol. 26	SW	1:40 pm

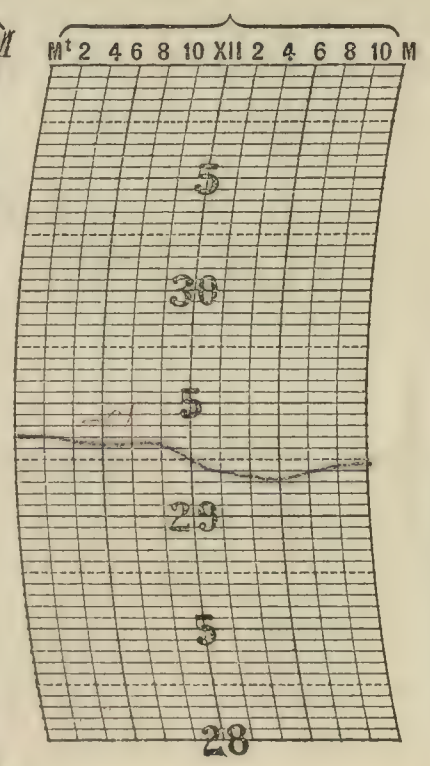
Relative humidity, 71 a. m. p. m.

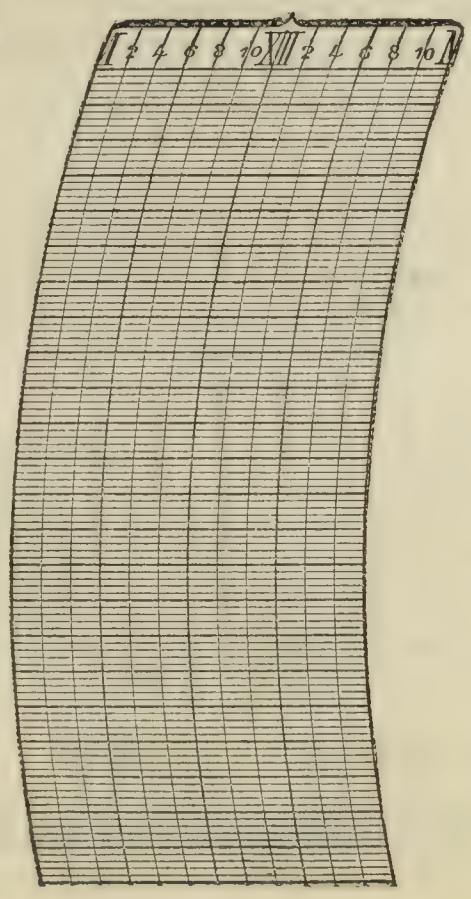
Reduced barometer, 29.87 a. m. p. m.

River gage, 16.3, on stand

NOTES.







Prepared by S. P. P.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) AUG 25 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	76	76	75	73	72	73 -1	78	80	83	86	87	89	90	90	90 -1	90	89	85	82	81	79	76	73
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Moon visible					Clear										* Partly			* Clear				Moon visible	
Sunrise: Time, 5:15 Character, Clear																								
Sunset: Time, 6:40 Character, Clear																								
Sunshine (in tenths of hours)						.75 0	6.9 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0	0.5 0	.67 0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	3	6	11	11	7	4	4	7	10	9	8	7	12	14	14	11	7	5	5	5	6	6	8	6
Maximum velocities (exceeding 25 miles) direction and time																								

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
91	71	81	70

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 2

Actual sunshine, hours, 11.2

Possible sunshine, hours, 13.4

Percentage of possible sunshine, 84

Prevailing direction Southwest

Total movement, 186

Average hourly velocity, 7.8

Maximum velocity,	Direction,	Time.
16	SW	2:23 pm
Extreme Vel., 17	SW	2:25 pm

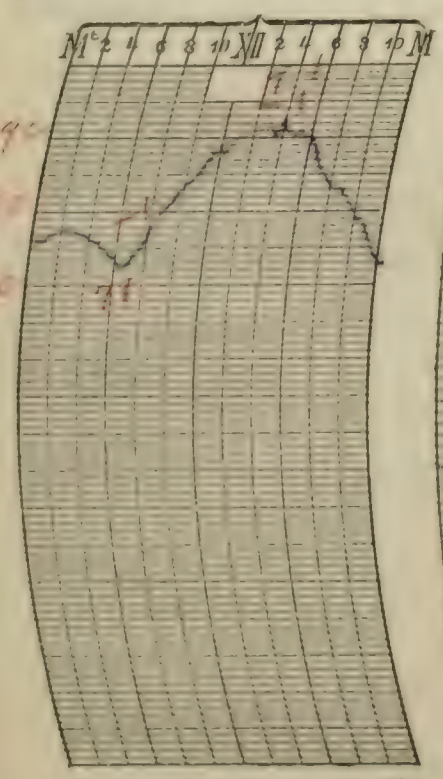
Relative humidity, 82 a. m. p. m.

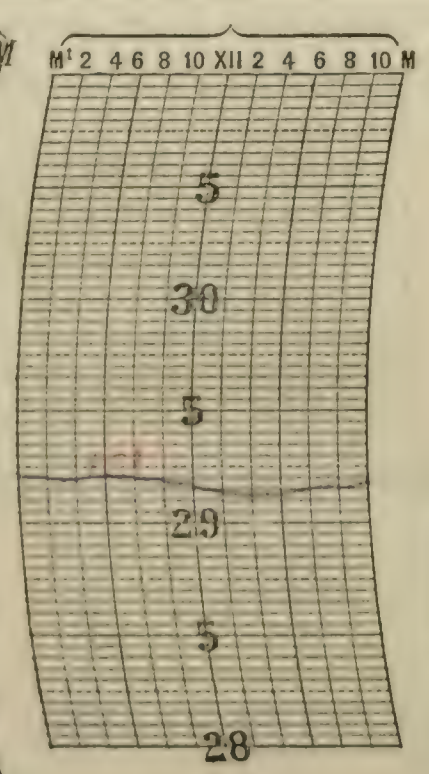
Reduced barometer, 29.78 a. m. p. m.

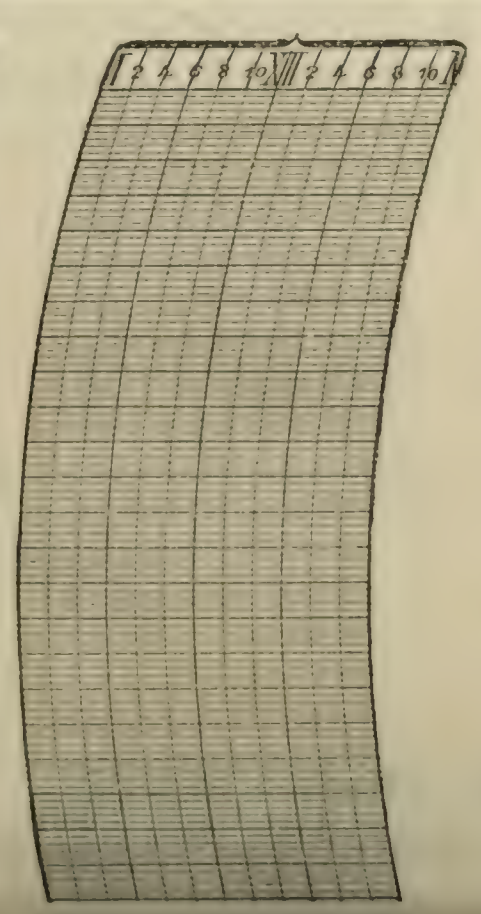
River gage, 16.1 falling

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

NOTES.







Prepared by S. P. P.

Verified by S. P. P.

8—186

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Monday, (Date) AUG 2 1912, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	73	72	71	72	72	71	72	77	81	84	87	87	87	87	89	88	84	78	75	71	66	64	63	63
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear					Clear							Pt. Cl.		Clear							Clear		
Sunrise: Time, Character,	5:17 Clear																				Sunset: Time, Character,	6:39 Clear		
Sunshine (in tenths of hours)						.72 0	1.0 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	× 1.0	0.9 0.1	.65 0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	NW	NW	NW	N	N	N	N	N	N	N	N
Wind movement	8	7	6	9	8	7	8	13	12	12	14	12	12	12	9	9	10	11	10	7	10	6	4	5
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
89	63	75	70

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 1

Actual sunshine, hours, 13.4

Possible sunshine, hours, 13.4

Percentage of possible sunshine, 100

Prevailing direction Southwest

Total movement, 221

Average hourly velocity, 9.2

Maximum velocity,	Direction,	Time.
17	SW	7:34 am
Extreme vel., 20	NW	11:43 am

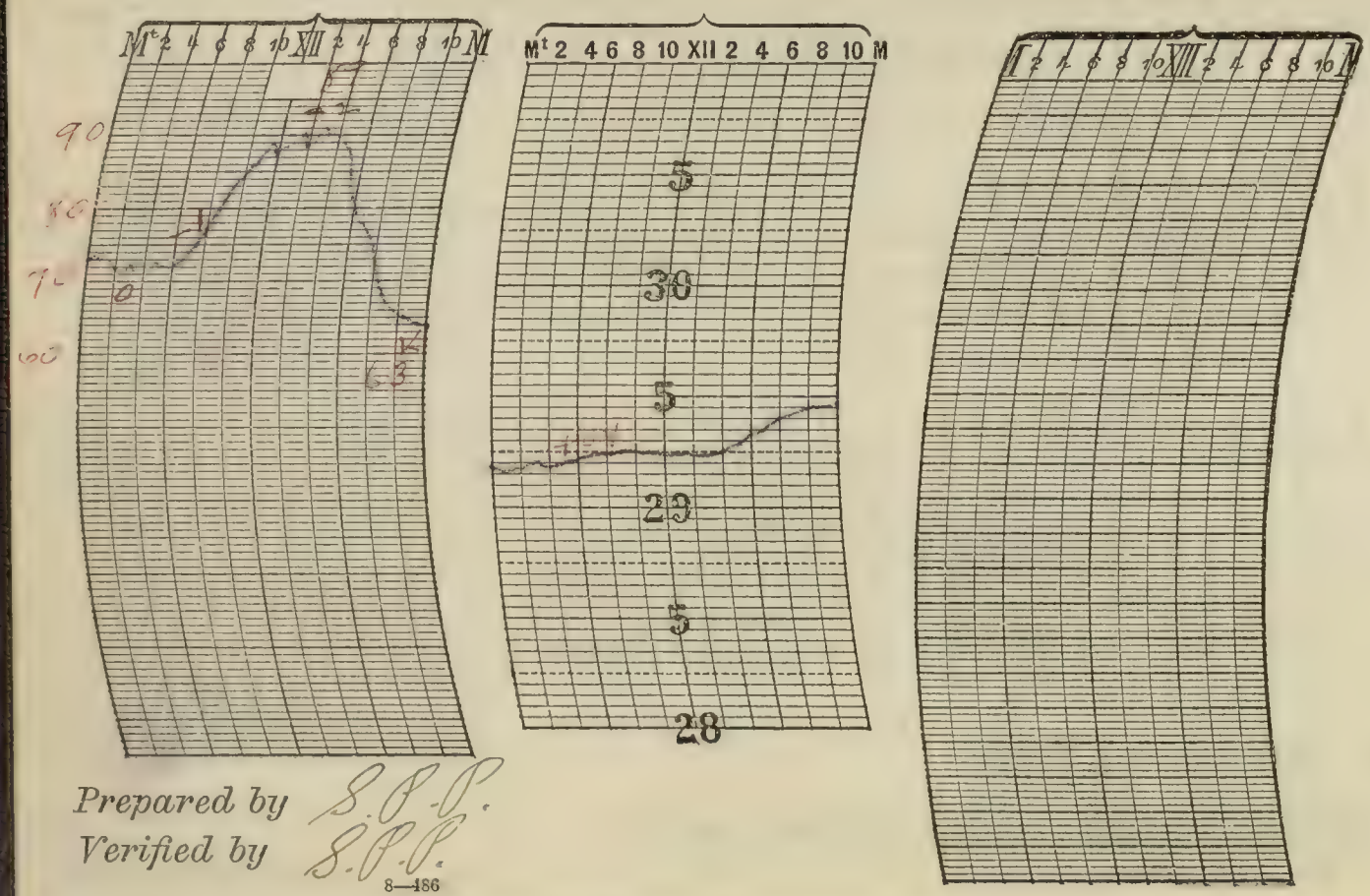
Relative humidity, 74 a. m. ____ p. m.

Reduced barometer, 29.82 a. m. ____ p. m.

River gage, 15.7 falling

× Eye observations

NOTES.



Prepared by S.P.P.
Verified by S.P.P.

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) AUG 27 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	60	59	60	59	58	59	62	65	67	69	71	72	73	74	74	74	72	67	66	64	63	63	61
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions		Vapor						Clear														moon visible		
Sunshine (in tenths of hours)						0	0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	E	E	SE	E	SE	E	SE	SE	SE
Wind movement	4	4	7	9	8	6	6	7	9	8	7	6	6	8	7	8	8	5	6	7	6	4	5	4
Maximum velocities (exceeding 25 miles) direction and time																								

Sunrise: Time, 5:18; Character, Clear

Sunset: Time, 6:37; Character, Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts.

Maximum.	Minimum.	Mean.	Normal.
75	57	[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, O 1:57 p.m.

Average daily cloudiness (0-10) 1

Actual sunshine, hours, 13.2

Possible sunshine, hours, 13.3

Percentage of possible sunshine, 99

Prevailing direction Northeast

Total movement, 155

Average hourly velocity, 6.5

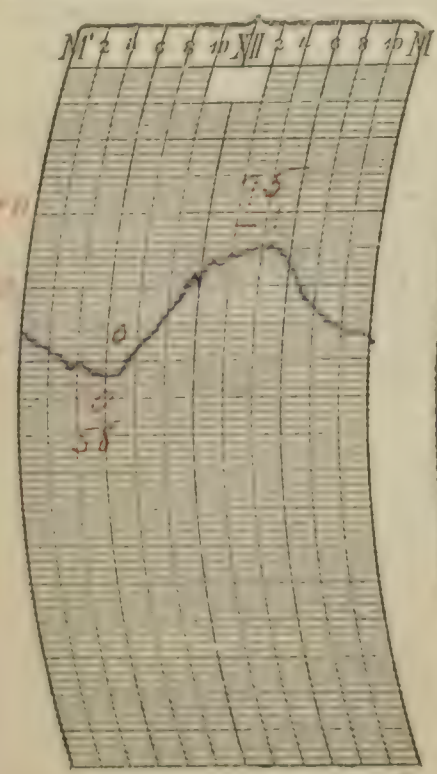
Maximum velocity,	Direction.	Time.
11	NE	9:52 am
EXTREME VEL.	11 - NE	- 9:52 am

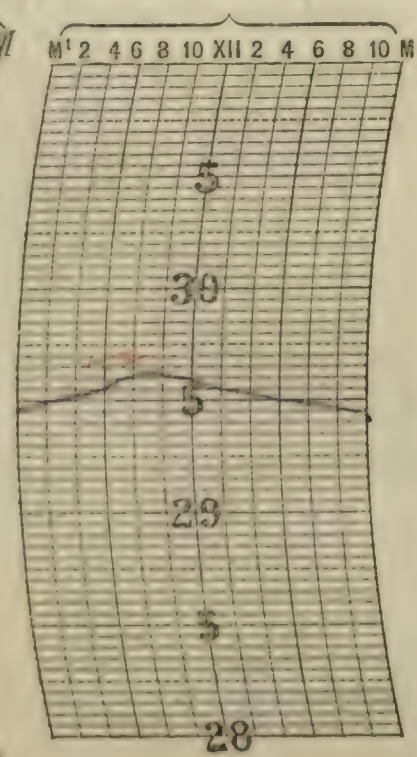
Relative humidity, 86 a. m. ____ p. m.

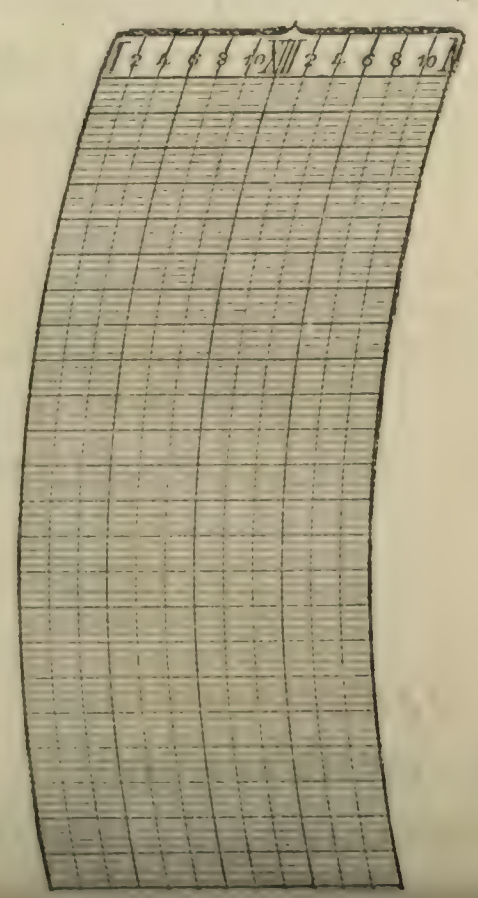
Reduced barometer, 30.17 a. m. ____ p. m.

River gage, 1.5 ft. falling

NOTES.







Prepared by S. [illegible]

Verified by S. [illegible]

Form No. 1017 Rev. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) AUG 28 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	63	64	65	66	68	71 -1	74	80	84	85	86
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		Moon visible			Clear				Pt Cldy		Cloudy	
Sunrise: Time, Character,	5:19 Clear											
Sunshine (in tenths of hours)						1.6 0	1.0 0	0.3 0.7	0.7	0.8	0.3	0.1
Wind direction	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	5	5	6	11	13	16	16	16	15	12	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	83 RB 12:02	84 RE 1:25	87	89 -2	86	84	80	78	76	75	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	T	T										
Cloudiness and other conditions					Pt Cldy			Clear		Pt Cldy		
Sunset: Time, Character,									6:36 Clear			
Sunshine (in tenths of hours)	0	0	0.6	0.9	0.6 0	1.0 0	0.6 0					
Wind direction	SW	SW	W	W	W	W	W	W	W	W	NW	N
Wind movement	14	13	12	15	13	13	9	7	7	8	7	4

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
89	61	75	69

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cldy Moon phase,

Average daily cloudiness (0-10) 6

Actual sunshine, hours, 8.3

Possible sunshine, hours, 13.3

Percentage of possible sunshine, 62

Prevailing direction Southwest

Total movement, 256

Average hourly velocity, 10.7

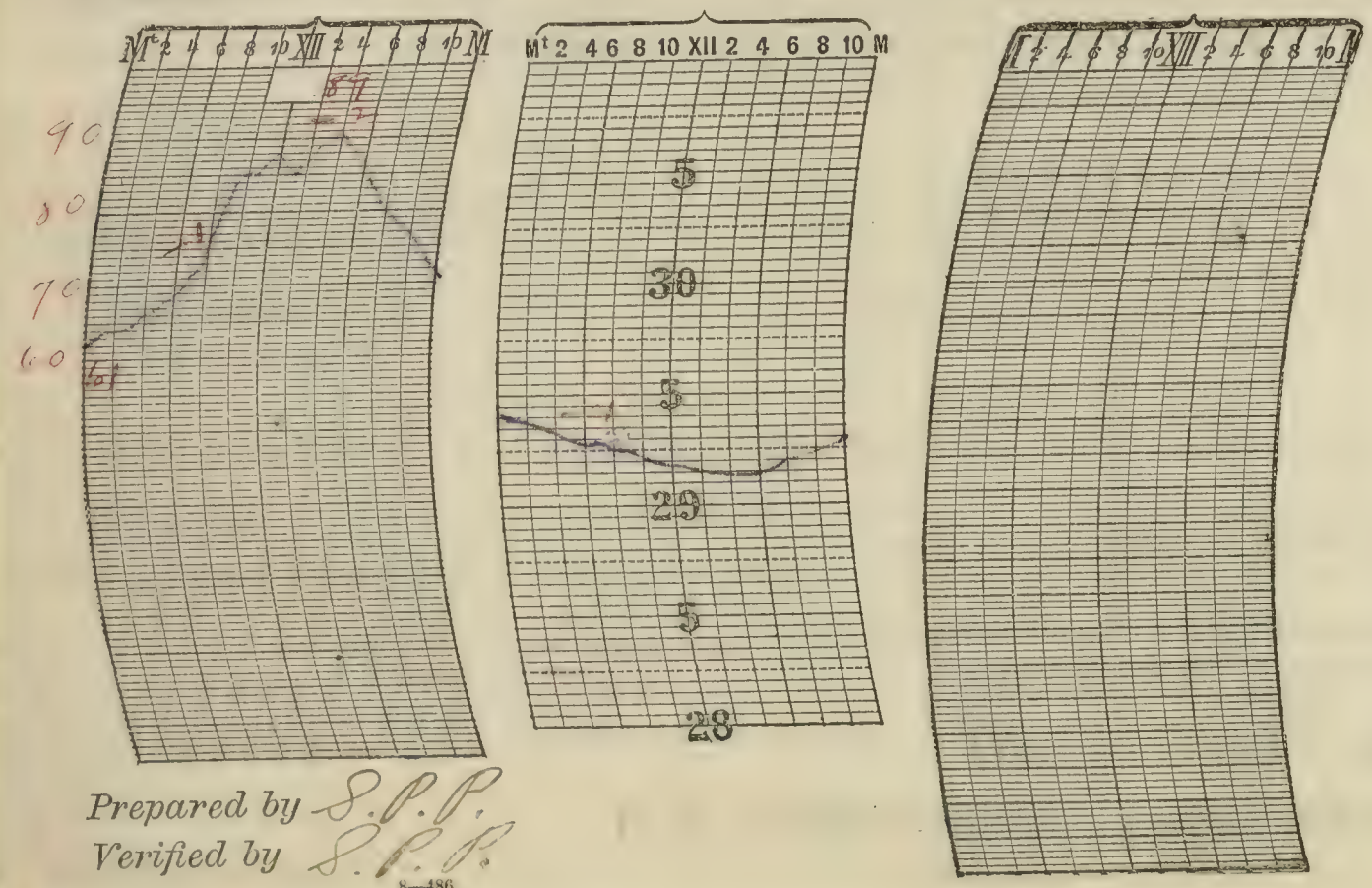
	Maximum velocity,	Direction,	Time.
	19	SW	6:57 am
Extreme vel.	21	SW	6:56 am

Relative humidity, 71 a. m. p. m.

Reduced barometer, 29.82 a. m. p. m.

River gage, 15.1, falling

NOTES.



Prepared by S. P. P.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) AUG 29 1912, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	67	67	66	66	66	66	65	65	66	69	70	70	70	70	70	69	68	67	66	66	66	65	65
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunrise: Time, 5:19 Character, Cloudy																					Sunset: Time, 6:34 Character, Cloudy			
Sunshine (in tenths of hours)						0	0	0	0	0	0.1	0.2	0	0	0	0	0	0	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E
Wind movement	4	4	7	8	7	6	9	8	9	6	8	5	9	10	9	10	9	9	7	7	8	9	9	7
Maximum velocities (exceeding 25 miles) direction and time																								

Cloudy

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
71	65	67	67

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0.3

Possible sunshine, hours, 13.2

Percentage of possible sunshine, 2

Prevailing direction Northeast

Total movement, 187

Average hourly velocity, 7.8

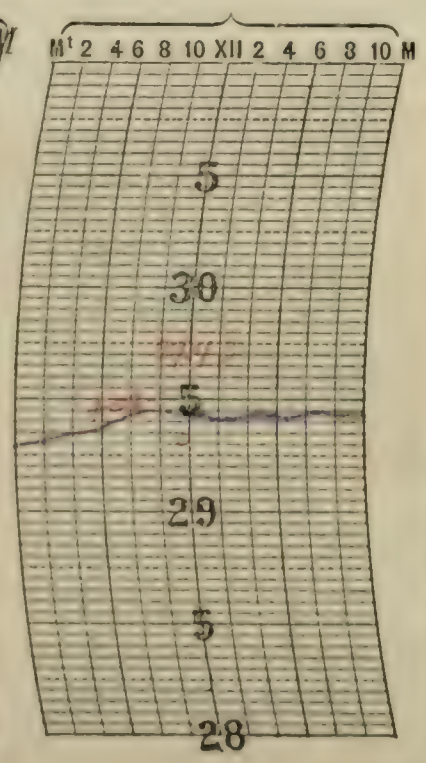
Maximum velocity,	Direction,	Time.
13	NE	2:30 p. m.
13	NE	2:30 p. m.

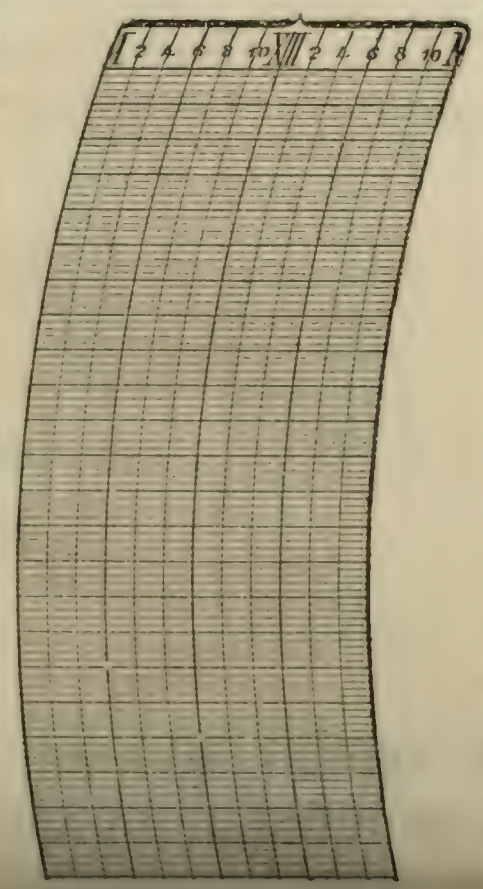
Relative humidity, 87 a. m. p. m.

Reduced barometer, 29.97 a. m. p. m.

River gage, 14.9, falling

NOTES.





Prepared by S.P.P.
Verified by S.P.P.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) AUG 30 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	66	67	67	67	67	68	71	73	79	83	85	88	90	90	89	88	85	82	79	77	77	76	76
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Cloudy							Pt. Cl.		Clear								Moon visible	
Sunrise: Time, Character	5:20 Cloudy																				Sunset: Time, Character		6:32 Clear	
Sunshine (in tenths of hours)						0	0.5	0.5	0.6	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0					
Wind direction	E	E	E	E	E	E	SE	SE	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	7	8	6	7	7	6	6	5	5	4	8	7	9	12	14	11	12	13	9	4	3	4	2	3
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
90	65	78	69

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cldy Moon phase,

Average daily cloudiness (0-10) 5

Actual sunshine, hours, 10.9

Possible sunshine, hours, 13.2

Percentage of possible sunshine, 83

Prevailing direction Southwest

Total movement, 172

Average hourly velocity, 7.2

Maximum velocity,	Direction,	Time.
17	SW	2:26 pm
Extreme vel., 17	SW	2:26 pm

Relative humidity, 83 a. m. p. m.

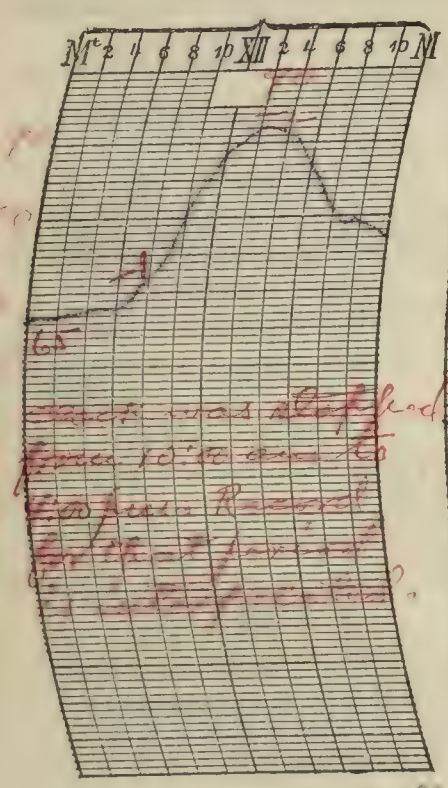
Reduced barometer, 29.96 a. m. p. m.

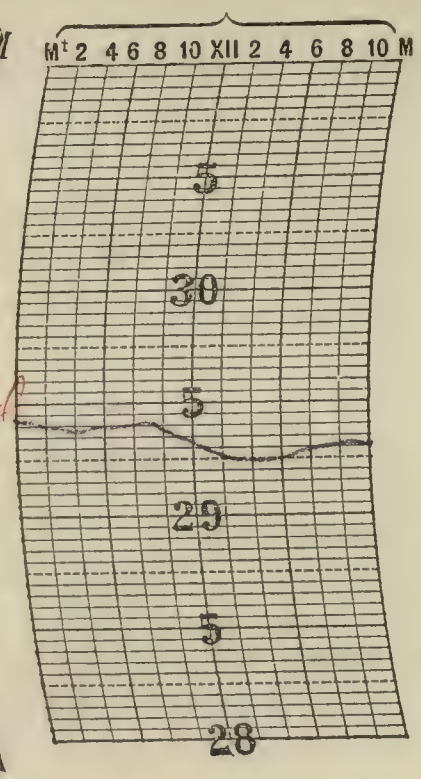
River gage, 14.7, falling

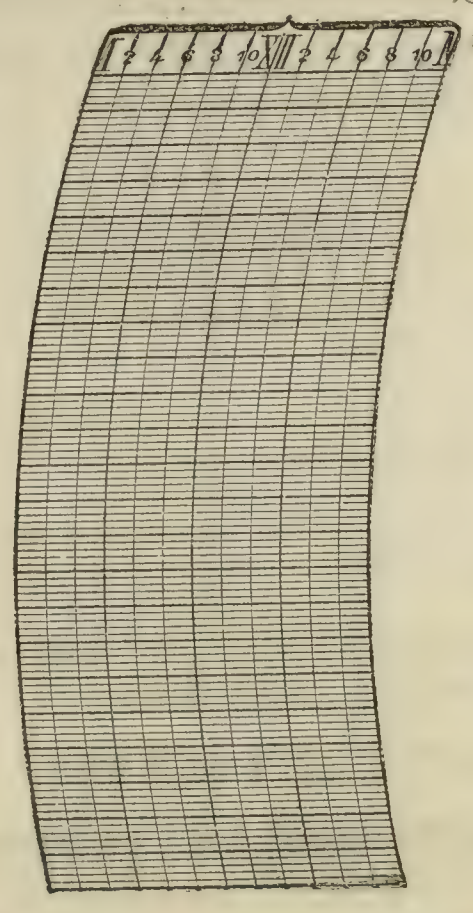
× Eye observation.

* Interpolated.

NOTES.







Prepared by S. V. O.

Verified by S. V. O.

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) AUG 31 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	74	74	74	73	73	75			86	89	92	93	94	95	94	91	90	85	83	81			
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Haze visibe										Clear											Haze visibe		
Sunrise: Time, Character, 5:22 Clear																					Sunset: Time, Character, 6:31 Clear			
Sunshine (in tenths of hours)						.53 0	0.9 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	X 1.0	1.0 0	.52 0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	SW	SW
Wind movement	4	2	3	4	4	4	6	8	11	11	11	11	12	13	12	13	16	15	11	10	8	10	14	10
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
95	73	84	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase.

Average daily cloudiness (0-10) few

Actual sunshine, hours, 13.2

Possible sunshine, hours, 13.2

Percentage of possible sunshine, 100

Prevailing direction Southwest

Total movement, 223

Average hourly velocity, 9.3

Maximum velocity,	Direction,	Time.
18	SW	5:10 pm
21	SW	5:05 pm

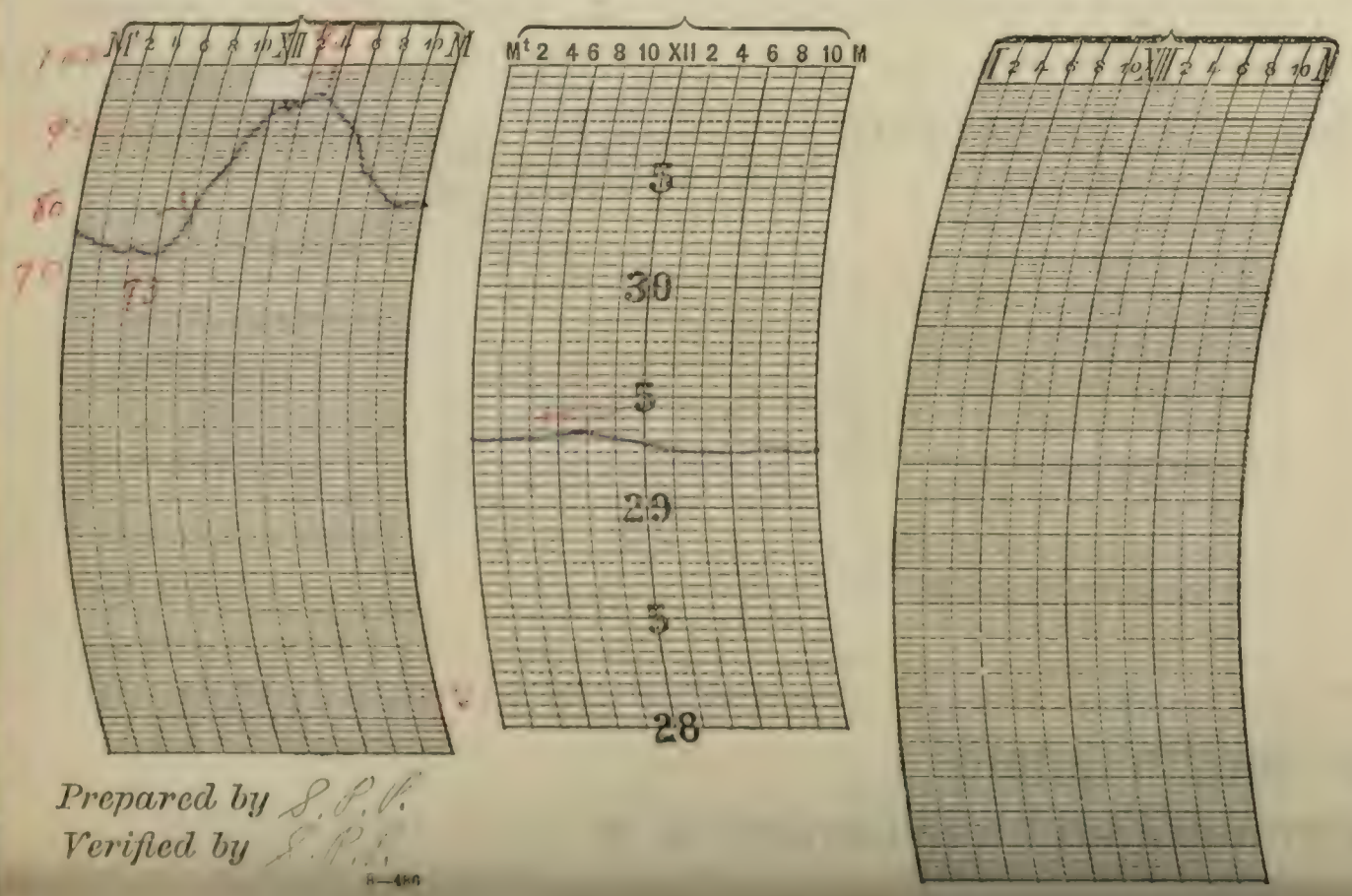
Relative humidity, 89 a. m. _____ p. m.

Reduced barometer, 29.92 a. m. _____ p. m.

River gage, 14.6 falling

X Eye observation

NOTES.



Prepared by S. P. V.

Verified by S. P. V.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) SEP 1 1912, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	81	80	80	79	76	75	77 (−1)	80	84	87	90	90 (0)
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clouds visible								Partly cloudy			
Sunrise: Time, Character	5:23 Clear											
Sunshine (in tenths of hours)						.62 0	.05 0	× 0.7	0.9	1.0	1.0	1.0
Wind direction	SW	SW	SW	W	W	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	9	10	11	2	3	9	12	13	13	10	12

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	92 (−1)	93	93	92	91	88	84	84	83	84	81	81
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						× Clear					Clouds visible	
Sunset: Time, Character									6:29 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	× 1.0	0.7 0.3	.48 0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	15	17	18	18	16	12	9	6	10	11	11	7

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
93	75	84	68

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Partly cloudy Moon phase,

Average daily cloudiness (0–10) 4

Actual sunshine, hours, 12.2

Possible sunshine, hours, 13.1

Percentage of possible sunshine, 93

Prevailing direction Southwest

Total movement, 262

Average hourly velocity, 10.9

Maximum velocity,	Direction,	Time.
22	SW	3:45 pm
Extreme vel., 23	SW	3:46 pm

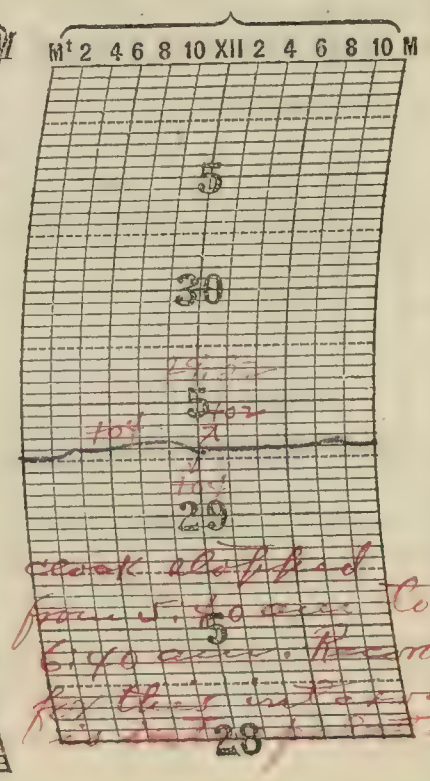
Relative humidity, 79 a. m. p. m.

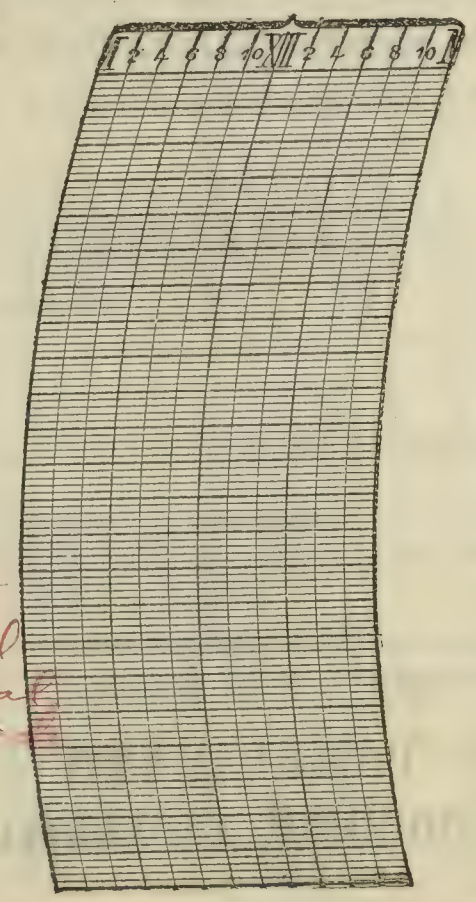
Reduced barometer, 29.91 a. m. p. m.

River gage, 14.5, falling

× Eye observation.

NOTES.





Prepared by S. P. P.

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Monday, (Date) SEP 2 1912 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	82	81	80	78	76	77	77	79	79	81	82	85	85	80	81	79	78	77	76	75	74	72	71	70
						0	-1					-1												
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions										Cloudy									Partly Cloudy			Moon visible		Clear
Sunshine (in tenths of hours)						0	0.3	0.3	0	0.3	1.0	1.0	1.0	0.3	0.7	0	0	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	SW	W	W	W	W	W	W	N	N	N	N	N	N
Wind movement	8	10	9	9	2	3	7	8	9	7	6	5	6	11	13	10	3	3	3	1	1	1	1	1

Sunrise: Time, 5:24 Character, Cloudy

Sunset: Time, 6:27 Character, Cloudy

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	85	70	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 4.9

Possible sunshine, hours, 13.0

Percentage of possible sunshine, 38

Prevailing direction Southwest

Total movement, 137

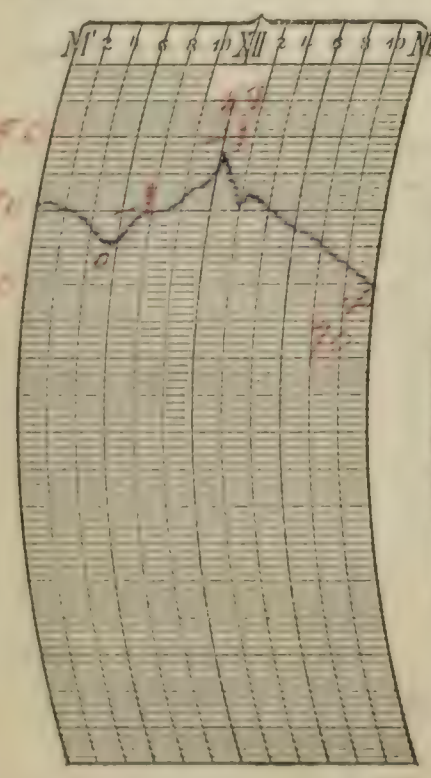
Average hourly velocity, 5.7

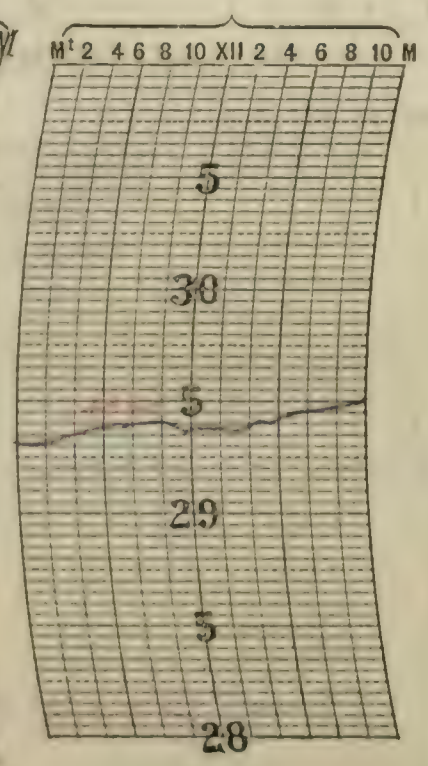
Maximum velocity,	Direction,	Time.
17	NW	2:40 pm
17	NW	2:40 pm

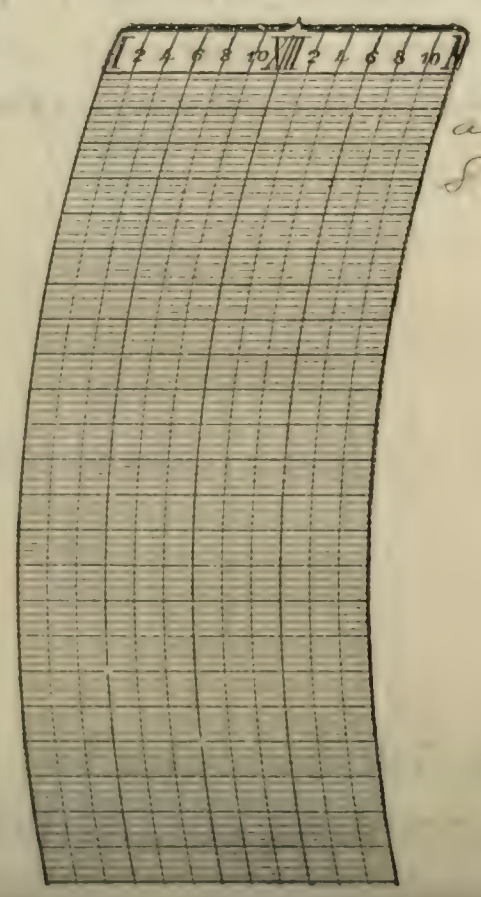
Relative humidity, 77 a. m. p. m.

Reduced barometer, 29.96 a. m. p. m.

River gage, 14.4, falling







NOTES.

Thunderstorm: First thunder heard at 2:50 pm; last heard at 6:00 pm; Storm came from NW.

Prepared by S. P. P.

Verified by S. P. P.

8—126

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) SEP 3 1912, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	69	69	69	68	68	68	69	73	76	81	84	87	85	[illegible]	[illegible]	[illegible]	83	82	80	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Pt Cldy							× Cloudy						× Pt Cldy			× Clear		
Sunshine (in tenths of hours)						0	0	0.3	0.6	1.0	1.0	1.0	1.0	1.0	0.5	0	0	0	0					
Wind direction	NE	NE	NE	NE	NE	E	NE	NE	NE	E	E	SE	E	SE	E	E	E	E	E	E	NE	NE	E	E
Wind movement	1	1	1	2	4	5	4	4	5	6	5	4	4	5	6	6	7	7	5	5	7	6	5	5

Sunrise: Time, 5:25 Character, Cloudy

Sunset: Time, 6:26 Character, Cloudy

Maximum velocities (exceeding 25 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
89	68	78	68

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day Pt Cldy Moon phase,

Average daily cloudiness (0–10) 7

Actual sunshine, hours, 6.4

Possible sunshine, hours, 13.0

Percentage of possible sunshine, 49

Prevailing direction East

Total movement, 110

Average hourly velocity, 4.6

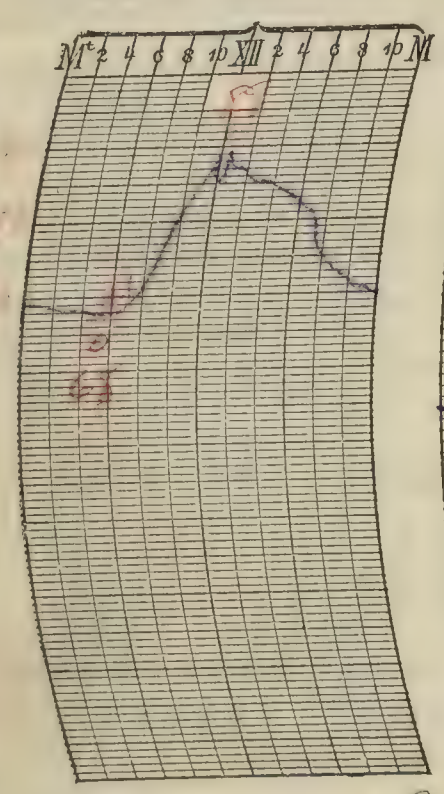
Maximum velocity,	Direction,	Time.
8	NE	8:23 pm
	8 – NE	– 8:23 pm

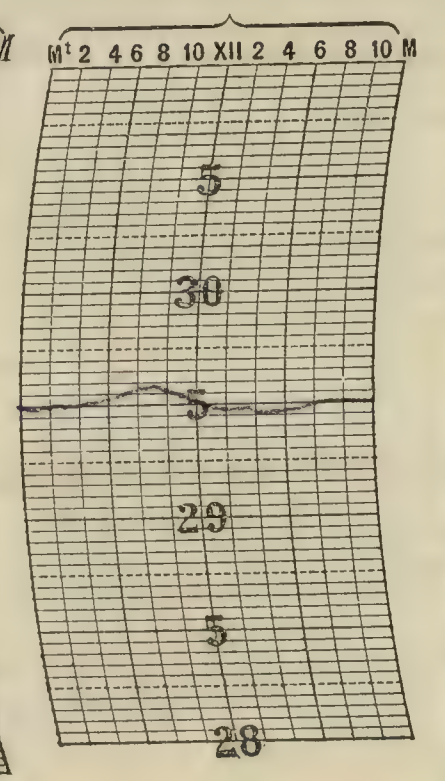
Relative humidity, 93 a. m. p. m.

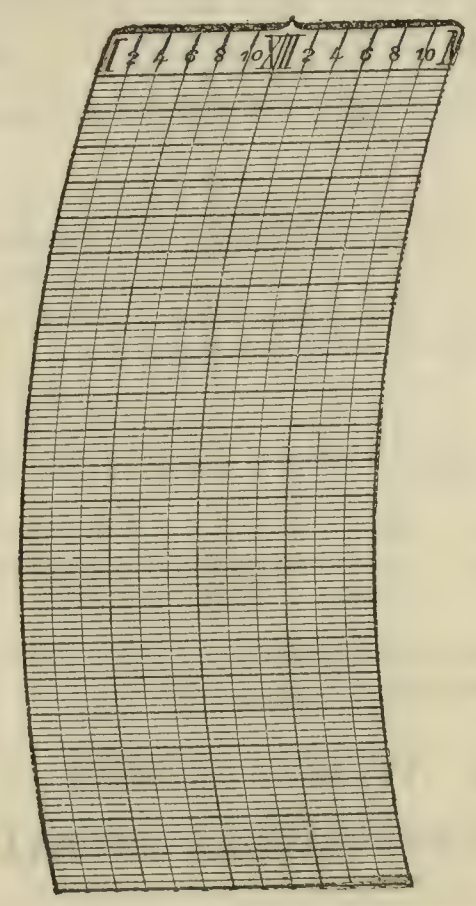
Reduced barometer, 30.10 a. m. p. m.

River gage, 14.3, falling

NOTES.







Prepared by S. P. S.
Verified by S. P. S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) SEP 4 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	70	70	70	70	70	72	79	85	90	93	93
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Recent visible							Clear				
Sunshine (in tenths of hours)						.57 0	1.0 0	0.4 0.6	1.0	1.0	1.0	1.0
Wind direction	E	E	E	E	E	E	E	E	S	S	SW	SW
Wind movement	4	4	4	3	3	4	3	4	4	4	5	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	94	96	95	94	92	88	84	83	81	80	79	78
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	.1 X 0.9	1.0 0	.40 0					
Wind direction	SW	SW	SW	SW	SW	S	S	SE	S	S	SW	SW
Wind movement	8	10	7	7	8	5	4	5	6	6	4	2

Sunrise: Time, 5:26 Character, Clear

Sunset: Time, 6:24 Character, Clear

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
96	69	82	67

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, ☾ 7:23 am

Average daily cloudiness (0-10) 1

Actual sunshine, hours, 13.0

Possible sunshine, hours, 13.0

Percentage of possible sunshine, 100

Prevailing direction Southwest

Total movement, 121

Average hourly velocity, 5.0

Maximum velocity,	Direction,	Time.
11	SW	1:00 pm
Extreme vel. 11	SW	1:00 pm

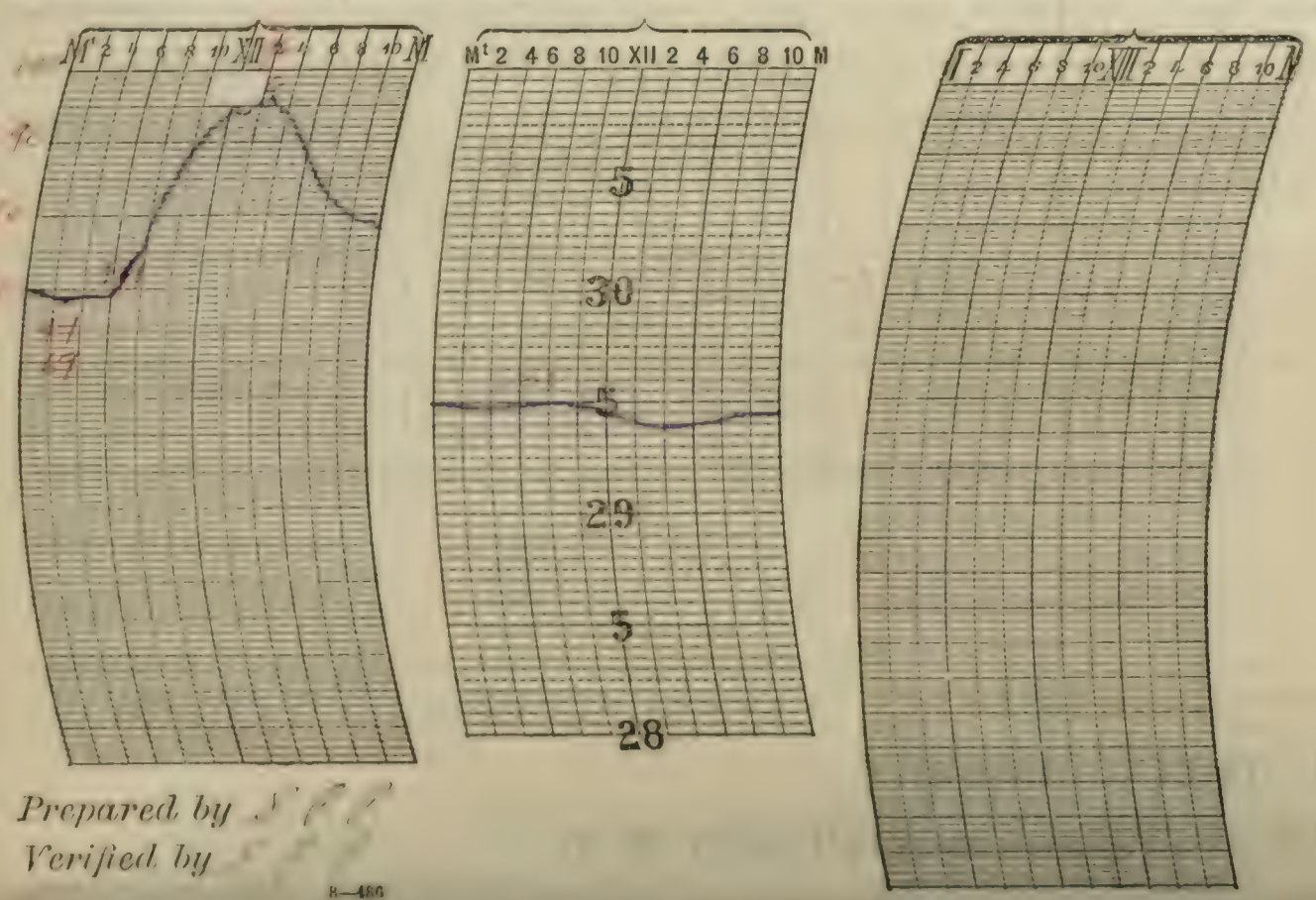
Relative humidity, 90 a. m. ____ p. m.

Reduced barometer, 30.04 a. m. ____ p. m.

River gage, 14.3, one stained

X Eye observation

NOTES.



Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL., (Day of week) Thursday, (Date) SEP 5 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	76	75	74	73	73	74	84	88	91	93	95
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear							Clear				
Sunshine (in tenths of hours)						0	0.2	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	S	S	S	S	S	S	S	SW	SW	SW	SW
Wind movement	5	3	2	3	1	3	2	3	5	7	6	7

Sunrise: Time, 5:26 Character, Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	95	95	96	94	92	87	84	82	81			
Sunshine (in tenths of hours)	1.0	0.9	1.0	1.0	1.0 ×	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	SW	SW
Wind movement	8	7	7	7	7	5	3	3	5	4	2	2

Sunset: Time, 6:23 Character, Clear

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
97	73		67

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 1

Actual sunshine, hours, 12.8

Possible sunshine, hours, 13.0

Percentage of possible sunshine, 98

Prevailing direction Southwest

Total movement, 109

Average hourly velocity, 4.5

Maximum velocity,	Direction,	Time.
11	SW	11:32 a.m.
11	SW	11:32

Relative humidity, 84 a. m. p. m.

Reduced barometer, 30.07 a. m. p. m.

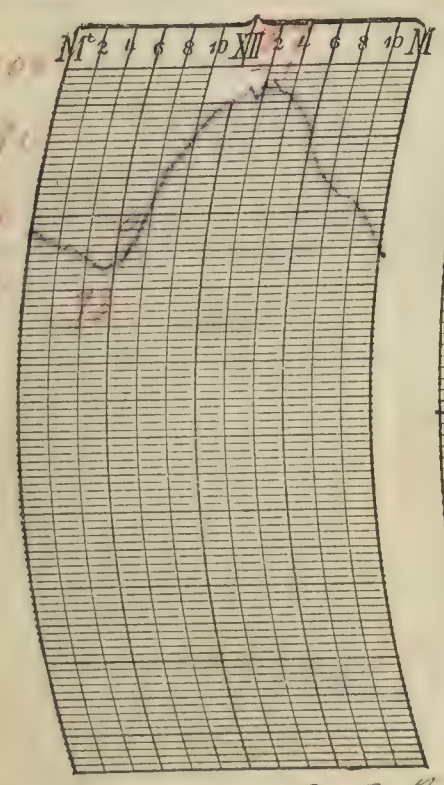
River gage, 14.3 one stand.

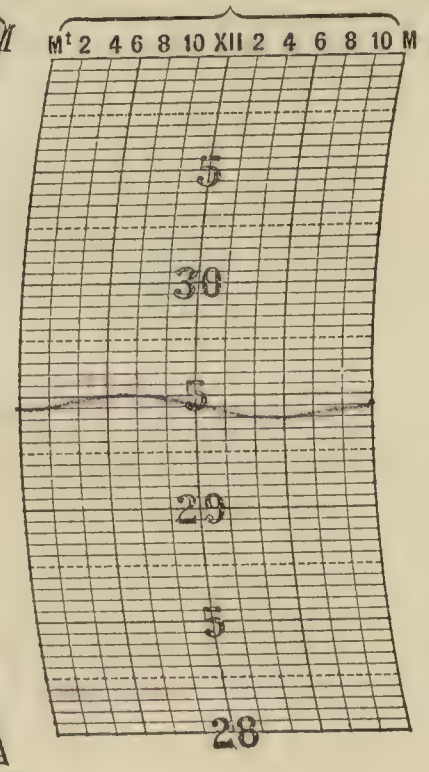
Excessive precipitation, accumulated amounts

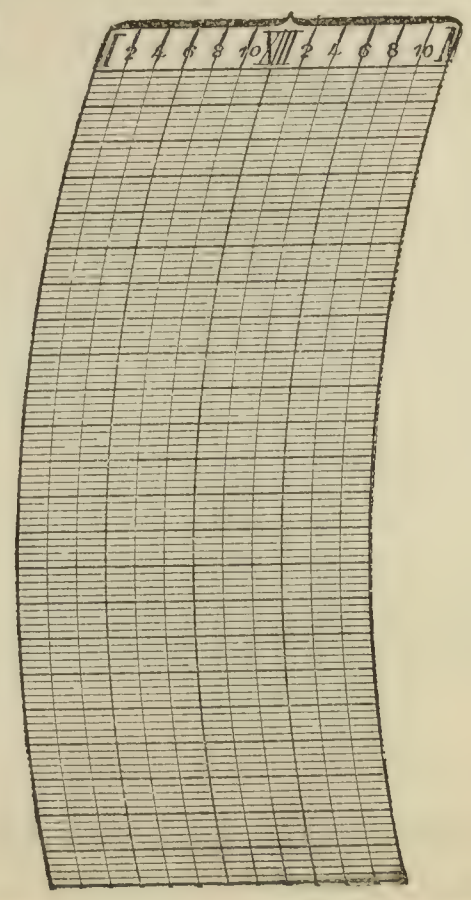
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

× Eye observation.

NOTES.







Prepared by S. P. S.

Verified by S. P. S.

8—486

Form No. 1014—MoU'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE ILL., (Day of week) Friday, (Date) SEP 6 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	71	70	70	69	69	72	77	84	86	91	93	94	93	81	83	87	85	82	80	79	[illegible]	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Moon visible						Clear						×	PC	×	Cldy	×	Clear						
Sunrise: Time, Character,	5:27 Clear																				Sunset: Time, Character, 6:21 Clear			
Sunshine (in tenths of hours)						.55 0	1.0 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0	0.5	0	0	× 0.5	1.0 0	.35 0					
Wind direction	SW	0	SE	SE	SE	0	SE	SE	SW	W	SW	SW	SW	SW	W	W	W	N	0	N	N	W	NE	NE
Wind movement	1	0	2	2	1	0	1	1	5	9	[illegible]	5	7	8	9	5	5	3	0	2	2	4	6	4
Maximum velocities (exceeding 25 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
96	69		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear, Moon phase,

Average daily cloudiness (0-10) 2

Actual sunshine, hours, 10.2

Possible sunshine, hours, 12.9

Percentage of possible sunshine, 79

Prevailing direction Southwest

Total movement, 90

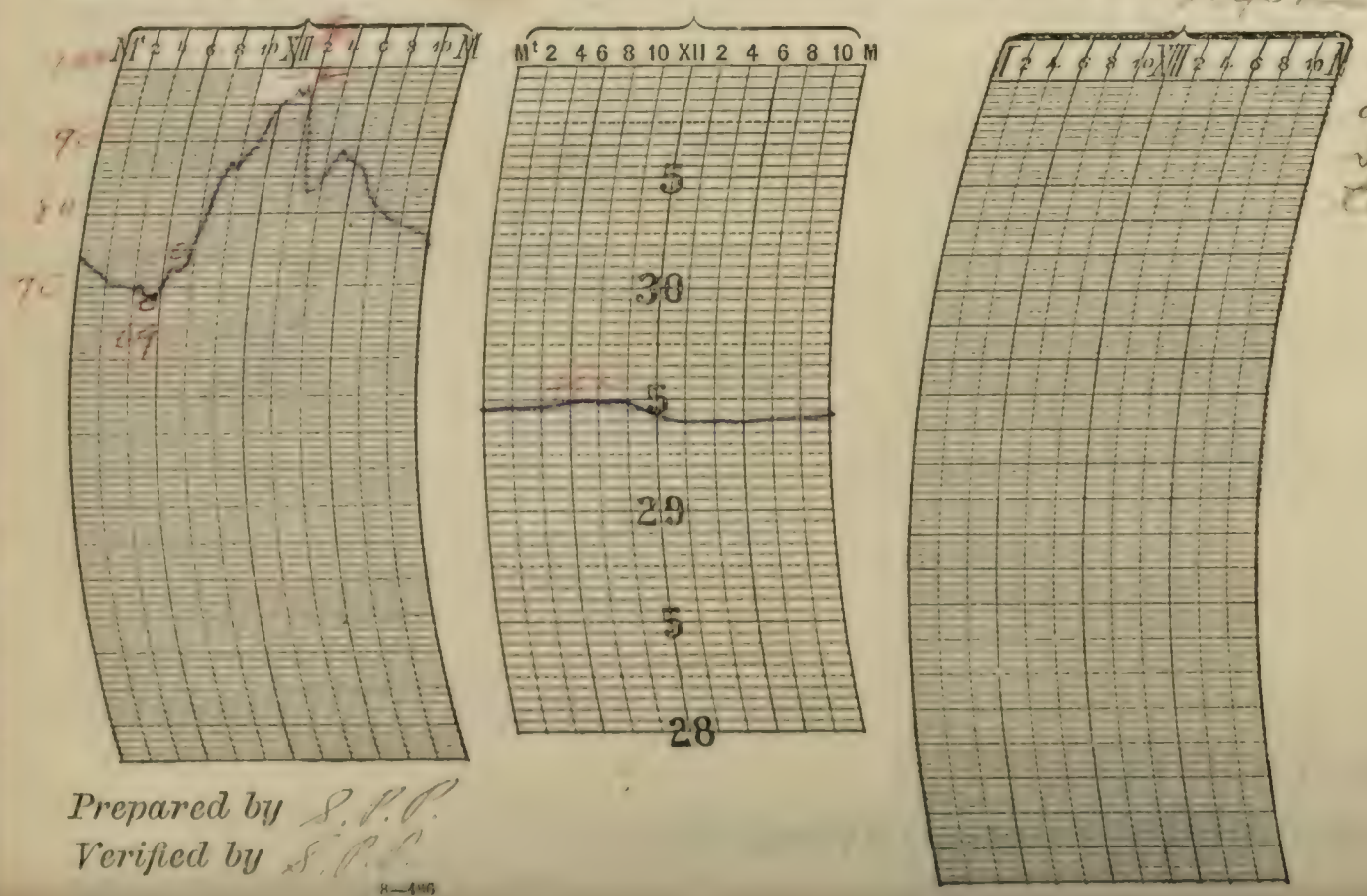
Average hourly velocity, 3.8

Maximum velocity,	Direction.	Time.
16	W	2:14 p. m.

Relative humidity, 52 a. m. p. m.

Reduced barometer, a. m. p. m.

River gage, 14.3, 0.1 above



NOTES.

Thunderstorm: First thunder heard at 2:00 p.m.; last heard at 2:08 p.m. Storm came from S.W. and passed to north of station.

Prepared by S. P. C.

Verified by S. P. C.

8—496

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) SEP 7 1912, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	74	73	73	71	70	69	72	74	77	81	85	87
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunrise: Time, 5:28 Character, Clear												
Sunshine (in tenths of hours)						0	0	0.6	1.0	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	E	E	SE	NE
Wind movement	4	7	4	4	7	5	6	8	6	4	5	5
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	88	87	89	88	87	84	80	76	74	71	70	67
Sunset: Time, 6:19 Character, Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0	0					
Wind direction	N	N	E	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	4	4	5	5	5	6	6	7	5	5	5	5

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
94	67	80	67

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) few

Actual sunshine, hours, 12.8

Possible sunshine, hours, 12.8

Percentage of possible sunshine, 100

Prevailing direction Northeast

Total movement, 127

Average hourly velocity, 5.3

Maximum velocity,	Direction,	Time.
10	NE	7:44 am
Extreme vel., 10	NE	7:44 am

Relative humidity, 72 a. m. p. m.

Reduced barometer, 30.03 a. m. p. m.

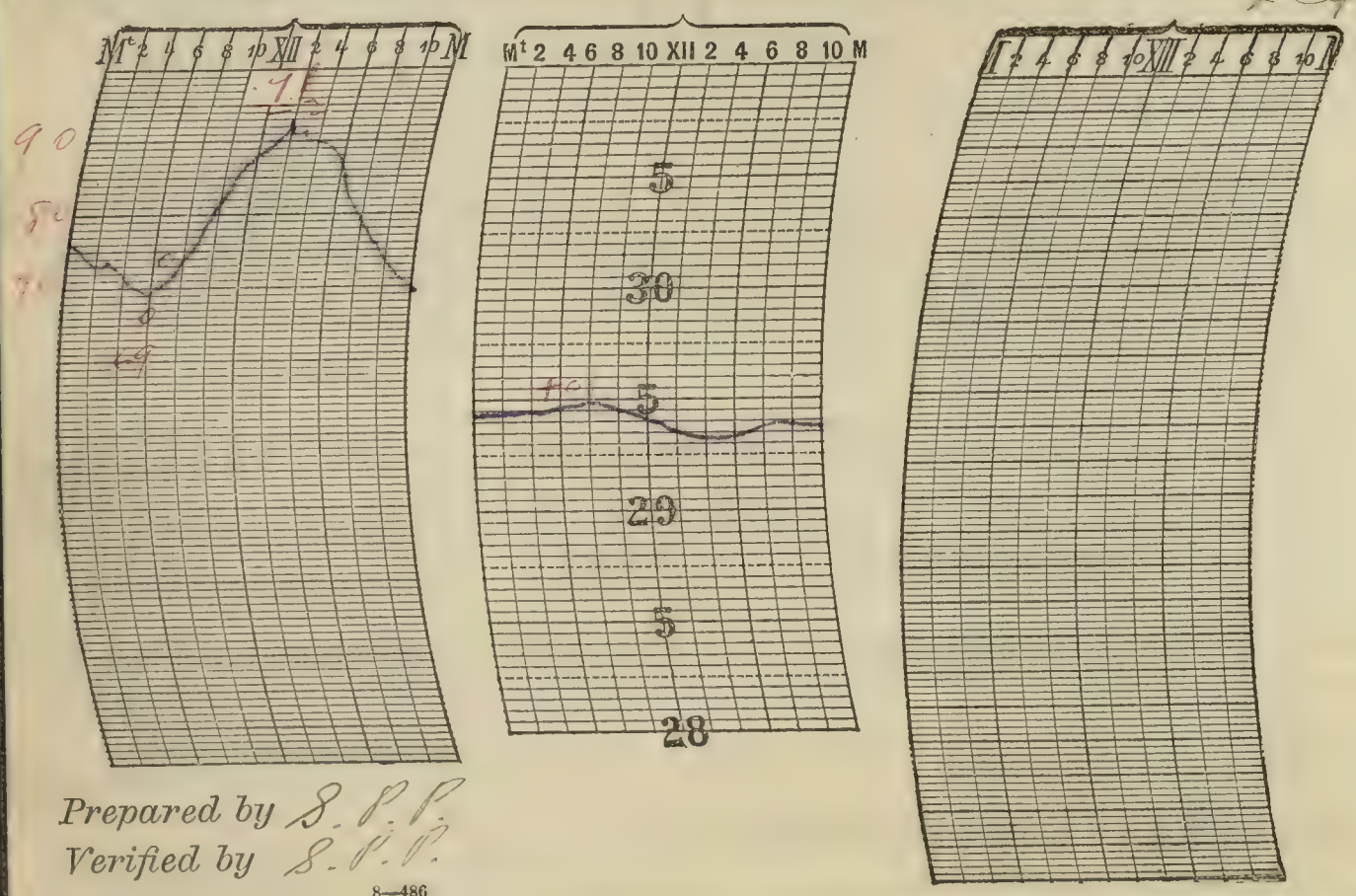
River gage, 14.2, falling

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

* Eye observation

NOTES.



Prepared by S. P. P.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL., (Day of week) Sunday, (Date) SEP 10, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	68	67	68	67	67	70	75					94	96	95	93	91	87	84	81				
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				Hazy						Clear														
Sunshine (in tenths of hours)	Sunrise: Time, 5:29 Character, Clear					.5 0	1.0 0	0.6 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0 0	.3 0		Sunset: Time, 6:18 Character, Clear			
Wind direction	E	E	E	E	SE	SE	SE	SE	SE	SE	SE	SW	SW	S	SE	S	S	S	S	S	SE	SE	SE	SE
Wind movement	4	2	4	3	1	1	1	3	3	3	4	4	5	3	3	4	3	4	3	3	2	4	3	2
Maximum velocity (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
97	67		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10 0

Actual sunshine, hours, 12.8

Possible sunshine, hours, 12.8

Percentage of possible sunshine, 100

Prevailing direction Southeast

Total movement, 74

Average hourly velocity, 3.1

Maximum velocity,	Direction,	Time.
5	SW	12:08 p.m.
5	SW	12:08

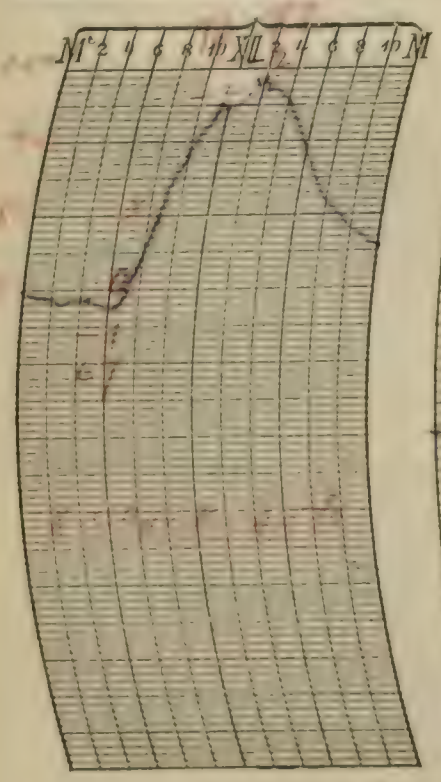
Relative humidity, 54 a. m. p. m.

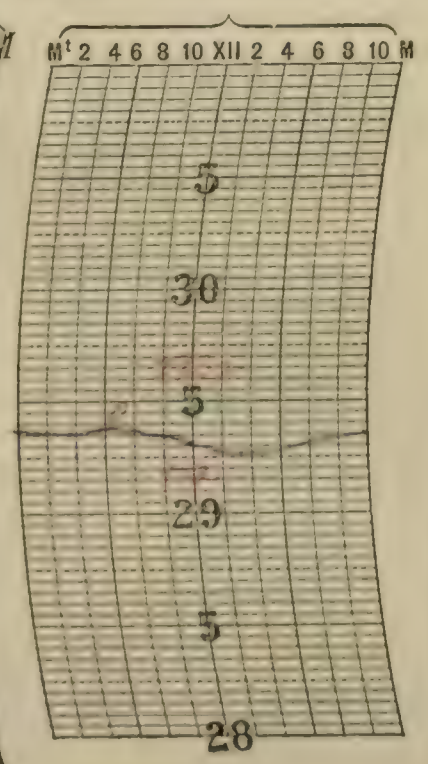
Reduced barometer, 29.93 a. m. p. m.

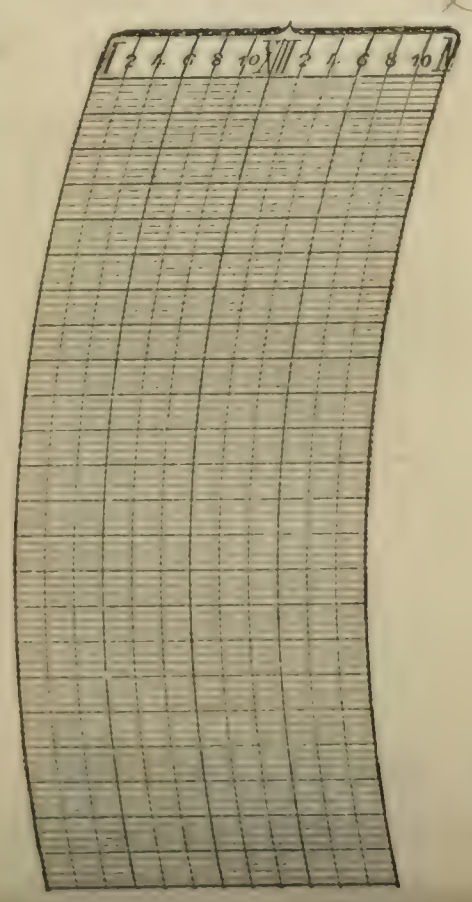
River gage, 14.1, falling

x Eye observation.

NOTES.







Prepared by S. P. P.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL, (Day of week) Monday, (Date) SEP 4 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	74	72	71	69	70	72	80	86	90	91	93	95	94	94	93	90	87	84	81	78	77	76	75
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear																
Sunshine (in tenths of hours)						.50 0	1.0 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0 0	.27 0					
Wind direction	SE	SE	SE	0	SE	SE	SE	S	S	SW	SW	S	S	S	S	S	SE	SE	SE	SE	SE	SE	SE	S
Wind movement	1	1	2	0	1	2	1	2	3	8	8	7	7	7	8	7	7	5	3	4	1	2	2	2
Maximum velocities (exceeding 25 miles) direction and time																								

Sunrise: Time, 5:30; Character, Clear

Sunset: Time, 6:16; Character, Clear

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
95	69		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) fair

Actual sunshine, hours, 12.8

Possible sunshine, hours, 12.8

Percentage of possible sunshine, 100

Prevailing direction Southeast

Total movement, 91

Average hourly velocity, 3.8

	Maximum velocity,	Direction,	Time.
Extreme vel.	11	SW	9:42 am
	11	SW	9:42 am

Relative humidity, 85 a. m. p. m.

Reduced barometer, 29.98 a. m. p. m.

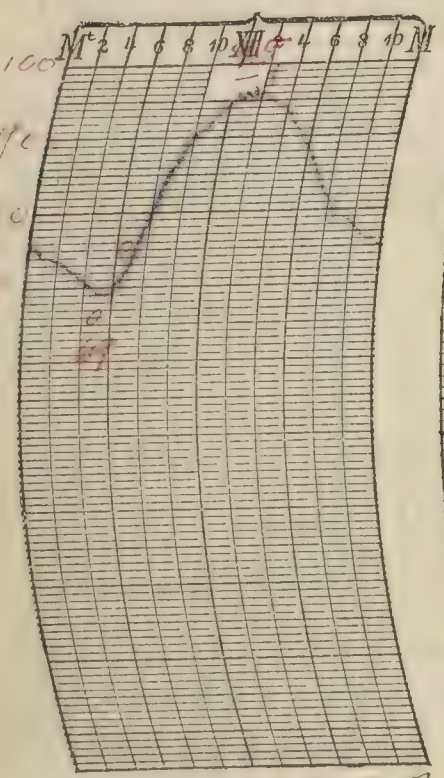
River gage, 14.0 falling

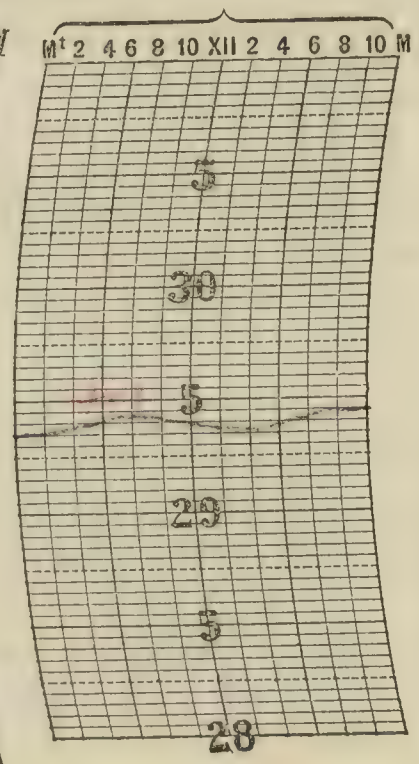
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

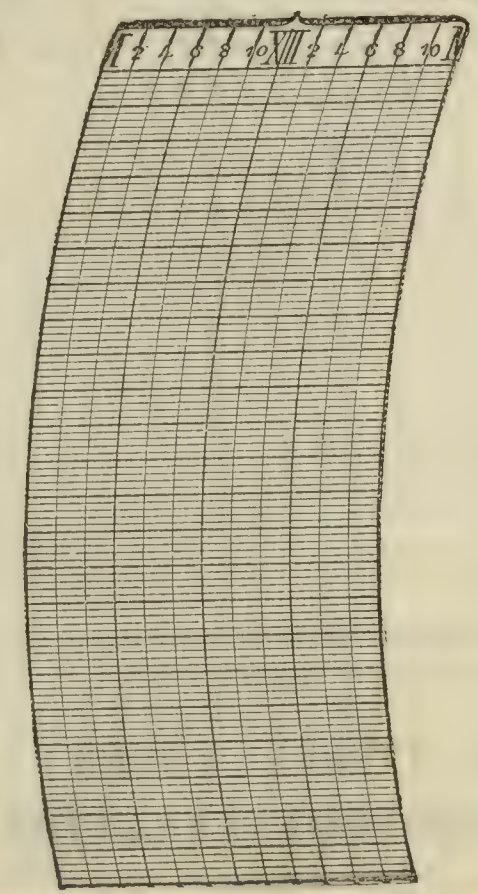
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

X Ex. Accumulation

NOTES.







Prepared by

Verified by

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL, (Day of week) Tuesday, (Date) SEP 10 1912 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	73	72	71	69	69	71	75	79	86	90	91	92	94	92	88	85	81	78	76	75	74		
						0	0							-1										
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear							Pt Cloudy							Clear			
Sunshine (in tenths of hours)						.48 0	1.0 0	0.4× 0.6	1.0	1.0	1.0	1.0	0.7	1.0	0.6	0.4	0.4×	0.2×	0					
Wind direction	S	S	S	S	S	S	S	S	W	SW	SW	SW	SW	SW	NW	N	N	N	N	N	N	NW	N	N
Wind movement	2	3	1	2	1	1	1	3	4	4	4	7	7	5	5	10	6	5	5	5	3	5	7	4
Maximum velocities (exceeding ..... miles) direction and time																								

Sunrise: Time, 5:31 Character, Clear

Sunset: Time, 6:14 Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
94	68	81	66

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, ● 7:48 p

Average daily cloudiness (0-10) 3

Actual sunshine, hours, 9.8

Possible sunshine, hours, 12.7

Percentage of possible sunshine, 77

Prevailing direction North & South

Total movement, 100

Average hourly velocity, 4.2

Maximum velocity,	Direction,	Time.
14	N	3:16 p. m.

Extreme Wind 14 — N — 3:16 p. m.

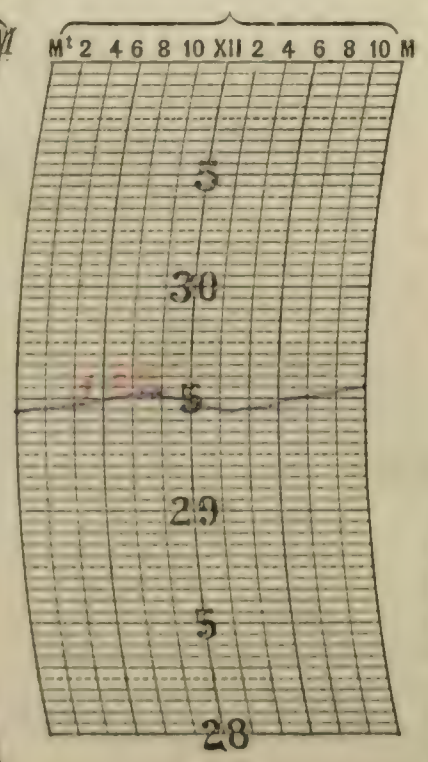
Relative humidity, 77 a. m. ..... p. m.

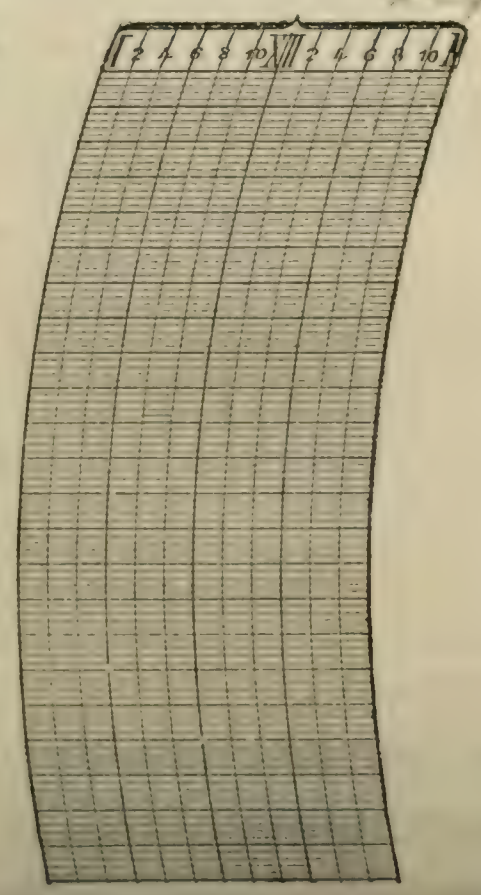
Reduced barometer, 28.07 a. m. ..... p. m.

River gage, 13.7 falling

× Eye observation.

NOTES.





Prepared by S. P. P.
Verified by J. C. C.

8—426

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL, (Day of week) Wednesday, (Date) OCT 11 1899, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	67	66	66	67	67	68	73	74	76	77	78
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Cloudy					
Sunrise: Time, Character,	5:32 Cloudy											
Sunshine (in tenths of hours)						0	0	0.4	1.0	1.0	1.0	1.0
Wind direction	W	W	W	W	N	N	N	NE	NE	NE	NE	NE
Wind movement	2	3	6	6	6	7	7	9	11	8	8	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	77	78	77	77	76	73	69	65	62	62	61	57
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Pt Cldy		Clear					
Sunset: Time, Character,									6:12 Cloudy			
Sunshine (in tenths of hours)	1.0	0.8	0.6	0.6	0.1	0	0					
Wind direction	NE	NE	NE	NE	N	NE	NE	NE	NE	NE	NE	NE
Wind movement	11	10	10	8	8	5	5	7	6	4	2	2

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
78	57	68	65

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase, 8

Average daily cloudiness (0-10)

Actual sunshine, hours, 7.5

Possible sunshine, hours, 12.7

Percentage of possible sunshine, 59

Prevailing direction Northeast

Total movement, 160

Average hourly velocity, 6.7

Maximum velocity,	Direction,	Time.
14	NE	7:35 am

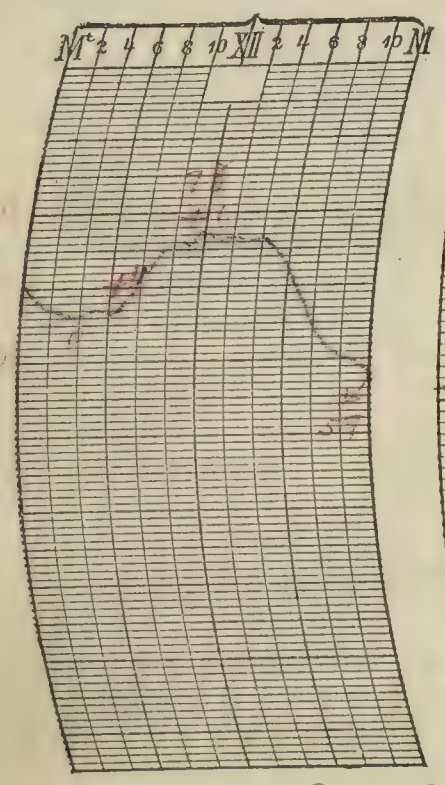
Extreme vel. 14 — NE — 7:35 am

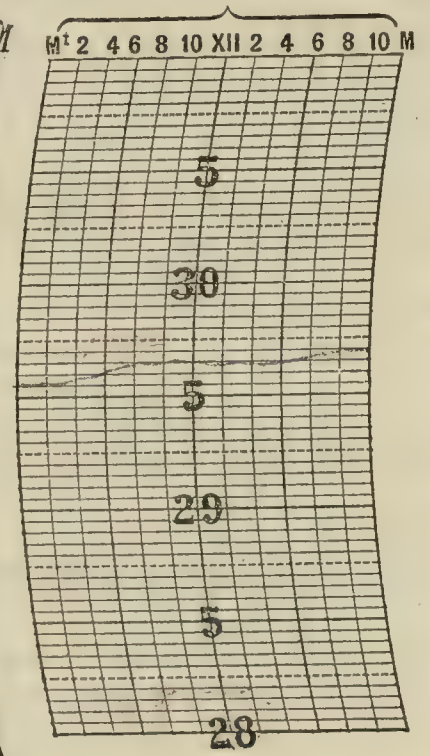
Relative humidity, 88 a. m. ____ p. m.

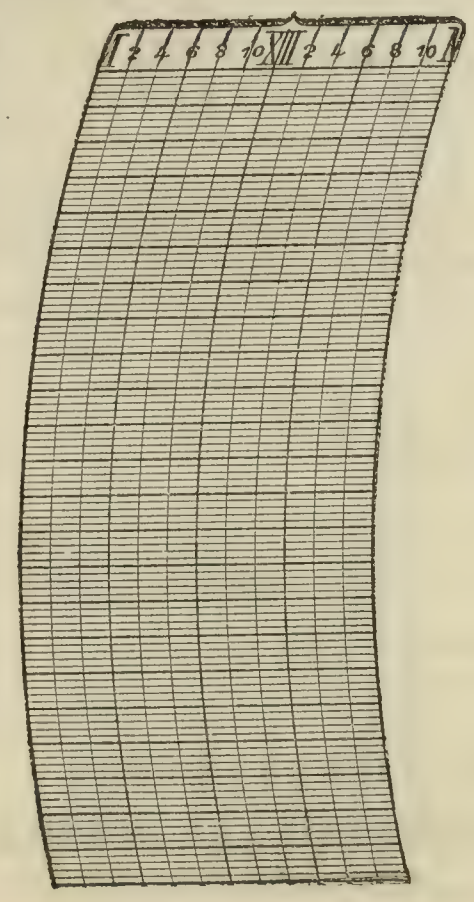
Reduced barometer, 30.18 a. m. ____ p. m.

River gage, 13.8, falling

NOTES.







Prepared by S. P. P.
Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) FEB 2 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	56	55	54	54	54	55	63	67	72	74	74	76	77	79	77	76	73	69	67	65			
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions			—	—		Clear				→	Pt Cldy	→	Clear	→	Pt Cldy	→	Clear							
Sunrise: Time, Character, 5:34 Clear																					Sunset: Time, Character, 6:11 Cloudy			
Sunshine (in tenths of hours)						.43 0	1.0 0	0.3 0.7	1.0	1.0	1.0	0.7	0.6	1.0	1.0	0.8	× 0.8	× 0.4	0					
Wind direction	NE	NE	NE	NE	NE	0	N	N	W	N	NW	N	N	W	NW	NW	NE	NE	NE	NE	NE	0	NE	E
Wind movement	1	1	1	2	1	0	1	2	4	3	4	4	3	4	3	3	3	1	2	2	2	0	1	3
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
79	52	65	—

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cldy Moon phase.

Average daily cloudiness (0-10) 4

Actual sunshine, hours, 10.7

Possible sunshine, hours, 12.6

Percentage of possible sunshine, 85

Prevailing direction Northeast

Total movement, 51

Average hourly velocity, 2.1

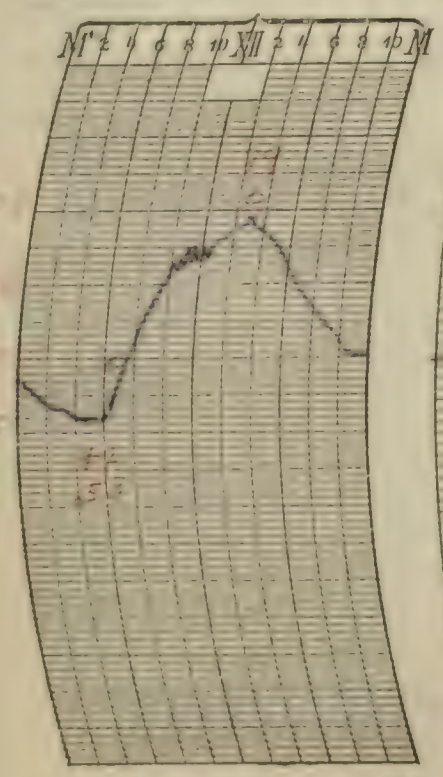
Maximum velocity.	Direction.	Time.
6	W	1:23 pm
	6-W	1:23 pm

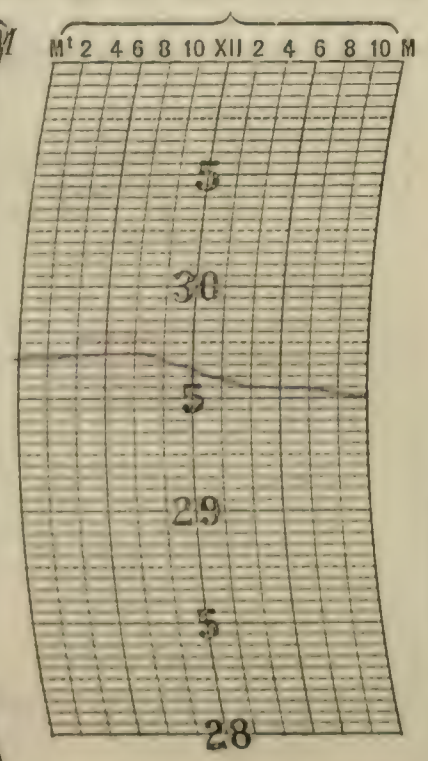
Relative humidity, 82 a. m. ____ p. m.

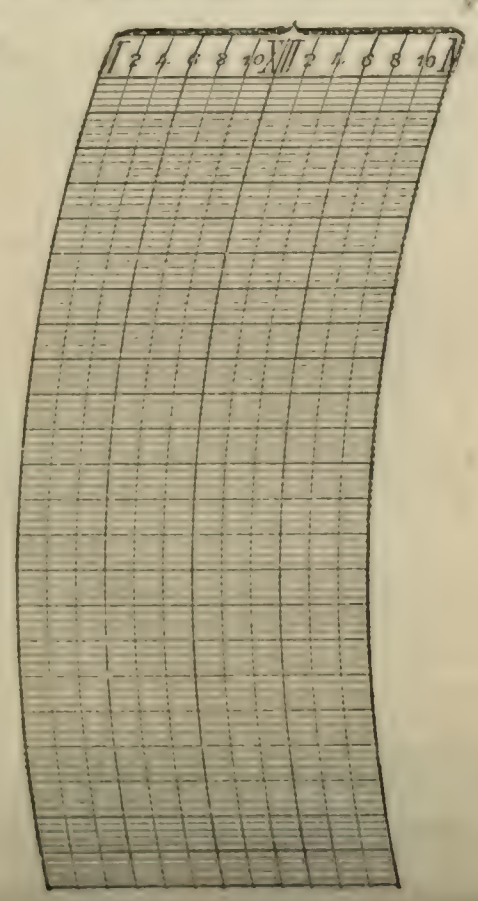
Reduced barometer, 30.25 a. m. ____ p. m.

River gage, 13.7, falling

NOTES.







Prepared by S. H. F.

Verified by S. H. F.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) SEP 1 1912, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	59	60	57	57	55	57	58	66	70	75	74	74
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)						.42 0	1.0 0	0.6 0.1	0.1 0	0.7	0.6	0
Wind direction	E	E	SE	SE	SE	E	S	S	S	SW	SW	SW
Wind movement	1	2	1	2	2	1	1	2	3	7	8	7

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	73	73	73	71	69	69	68	67	66	66	66	65
State of weather: Nature of precipitation and time of beginning and ending	RB 12:10 RE 12:25	RB 1:35 RE 1:45			RB 4:15 RE 4:25							
Amounts of precipitation	T	T			T							
Cloudiness and other conditions	Pt Cldy				Cloudy							
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	SW	W	W	W	W	W	W	W	W	W	SE	SE
Wind movement	10	7	6	2	4	1	1	1	1	1	1	2

Sunrise: Time, 5:35 Character, Clear

Sunset: Time, 6:09 Character, Cloudy

Maximum velocities (exceeding 25 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
	75	55	65	65

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 9

Actual sunshine, hours, 3.5

Possible sunshine, hours, 12.15

Percentage of possible sunshine, 28

Prevailing direction Southeast & West

Total movement, 74

Average hourly velocity, 3.1

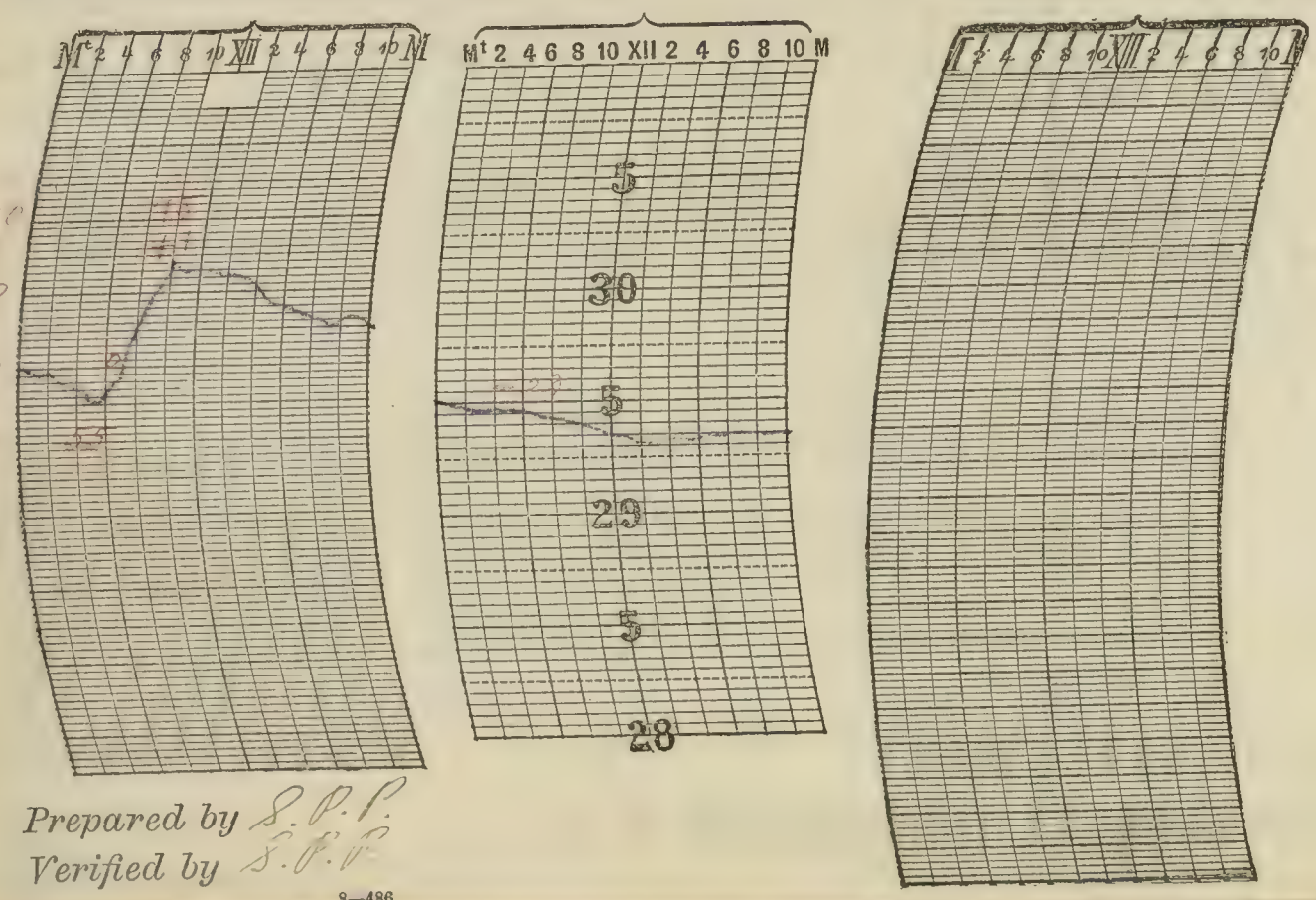
	Maximum velocity,	Direction,	Time.
Extremes	12	W	12:38 pm
	12	W	12:38 pm

Relative humidity, 77 a. m. p. m.

Reduced barometer, 29.98 a. m. p. m.

River gage, 13.7 On stand

NOTES.



Prepared by S. P. P.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE, ILL., (Day of week) Saturday, (Date) SEP 1, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	65	65	65	65	64	65	66	68	72	73	75
State of weather: Nature of precipitation and time of beginning and ending							RB 6:50	RE 7:20				
Amounts of precipitation							T	T				
Cloudiness and other conditions							Cloudy					
Sunrise: Time, 5:36 Character, Cloudy												
Sunshine (in tenths of hours)						0	0	0	0	0.3	0.3	0
Wind direction	SE	W	SW	SW	S	S	S	S	S	S	SE	E
Wind movement	3	2	2	1	2	2	1	1	1	2	3	2
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	78	79	78	77	75	73	72	69	[illegible]	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending									RB 8:35			
Amounts of precipitation									.01	.04	.01	
Cloudiness and other conditions			Pt. C. & Cloudy									
Sunset: Time, 6:07 Character, Cloudy												
Sunshine (in tenths of hours)	0.4	0.5	0.9	0.4	0	0	0					
Wind direction	SE	SE	E	E	E	E	NE	E	E	E	NE	NE
Wind movement	2	5	5	5	6	5	7	7	6	7	7	7
Maximum velocities (exceeding 25 miles) direction and time												

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
79	64	[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 1 ins.

Total precipitation, midnight to midnight, .06 inches.

Character of day, Cloudy, Moon phase,

Average daily cloudiness (0-10) 9

Actual sunshine, hours, 2.8

Possible sunshine, hours, 12.5

Percentage of possible sunshine, 22

Prevailing direction East

Total movement, 92

Average hourly velocity, 3.8

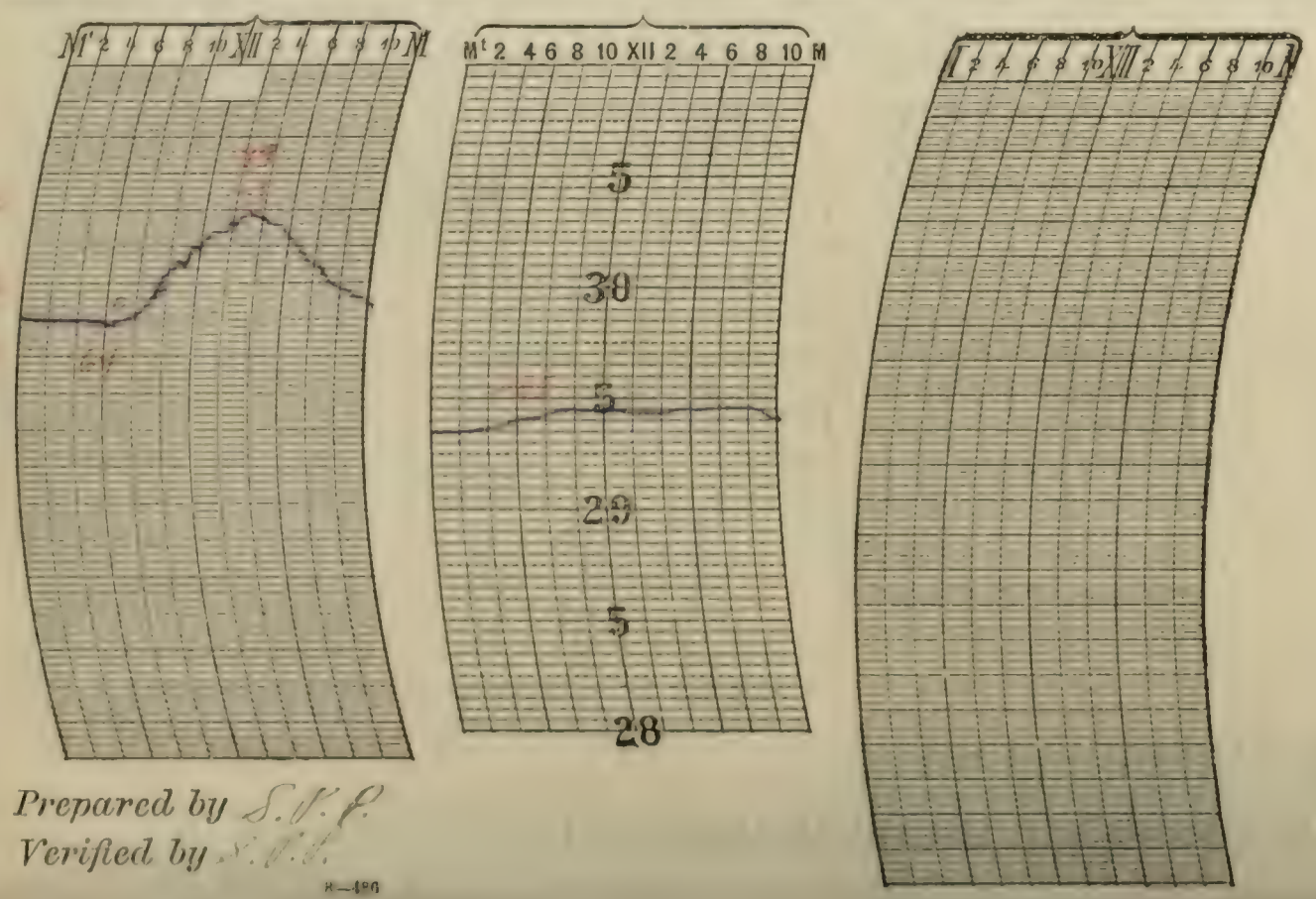
	Maximum velocity,	Direction.	Time.
	7	NE	9:44 pm
		9-NE	9:44 pm

Relative humidity, 80 a. m. p. m.

Reduced barometer, 29.94 a. m. p. m.

River gage, 13.5 falling

NOTES.



Prepared by S. W. P.

Verified by [illegible]

R—496

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) SEPT 1 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	66	65	65	64	64	64	67	69	72	70	
State of weather: Nature of precipitation and time of beginning and ending		RE										
Amounts of precipitation		.80	.20									
Cloudiness and other conditions					Clear							
Sunrise: Time, Character,	5:36 Clear											
Sunshine (in tenths of hours)						.40 0	1.0 0	0.6 0.1	0.8	0.6	0	0
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N
Wind movement	7	8	8	3	4	4	4	4	7	6	8	6

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	72	73	72	71	70	69	68	65			
Cloudiness and other conditions					Cloudy							
Sunset: Time, Character,									6:06 Cloudy			
Sunshine (in tenths of hours)	0	0.1	0	0	0	0	0					
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N
Wind movement	6	6	5	7	4	6	4	4	4	9	7	7

Maximum velocities (exceeding 25 miles) direction and time

Maximum.	Minimum.	Mean.	Normal.
73	62	68	64

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 1.06 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 1.00 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 3.6

Possible sunshine, hours, 12.5

Percentage of possible sunshine, 29

Prevailing direction Northeast

Total movement, 138

Average hourly velocity, 5.8

Maximum velocity,	Direction,	Time.
18	NE	1:52 a.m.
Extreme Vel. 19	NE	1:53 a.m.

Relative humidity, 95 a. m. ____ p. m.

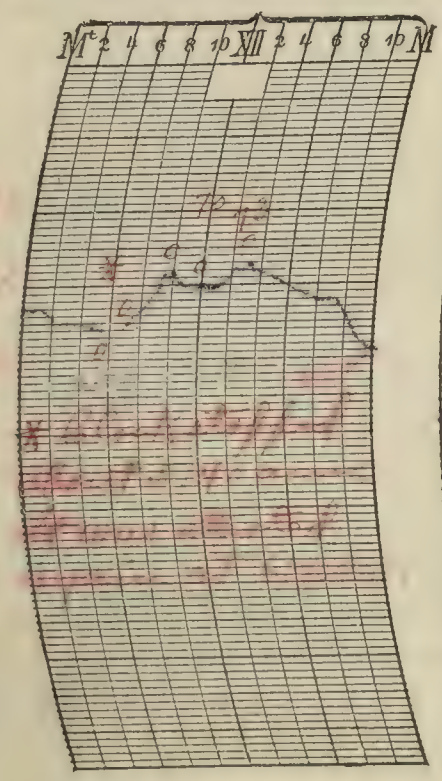
Reduced barometer, 29.99 a. m. ____ p. m.

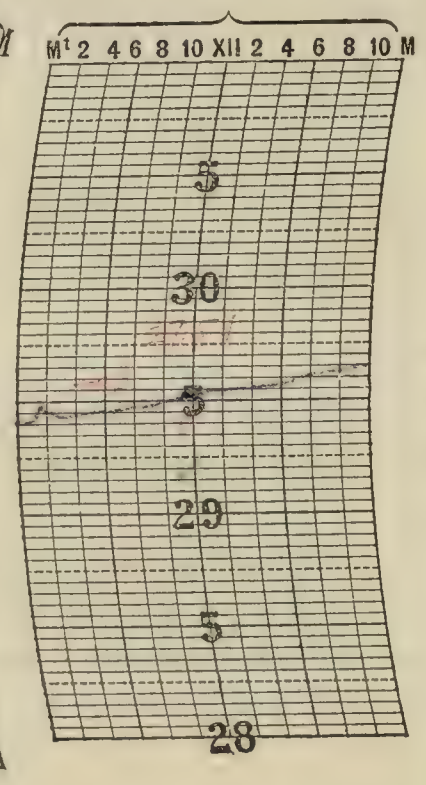
River gage, 13.6, rising

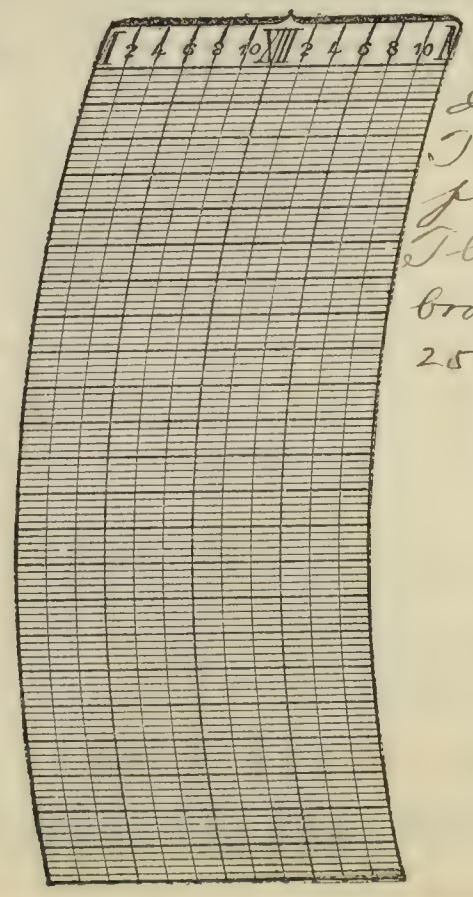
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
	8:35 p 14"	Dlla	1.06	1:39 a	2:07 a	.13	.14	.35	.44	.69	.83	.87 .86								

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

*Interpolated.







NOTES.

Thunderstorm: First and last thunders heard Dlla. Storm came from W. This storm was attended by excessive precipitation as indicated in above table. The rainfall of the night of the 14" 15" broke a drought that had lasted 25 days, from Aug 20 to Sept 13 inc.

Prepared by S. P. P.
Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Monday, (Date) SEP 1 6 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	60	60	58	57	56	57	61	63	67	69	72	74	75	75	75	73	71	69	66	[illegible]	[illegible]	[illegible]	67
State of weather: Nature of precipitation and time of beginning and ending																		RB 5:10 RE 5:15			RB 8:12	RE 9:45		
Amounts of precipitation																		T			.03	.01		
Cloudiness and other conditions						Cloudy																		
Sunshine (in tenths of hours)						0	0	0	0	0.3	0	0.2	0	0	0	0	0	0	0					
Wind direction	NE	NE	NE	E	NE	NE	E	E	E	E	E	SE	SE	SE	SW	SW	SW	SW	W	W	W	W	W	W
Wind movement	5	6	6	6	4	5	5	5	5	9	6	5	4	5	3	1	3	2	3	6	7	6	6	4
Maximum velocity (exceeding 25 miles) direction and time																								

Sunrise: Time, 5:37 Character, Cloudy

Sunset: Time, 6:04 Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
75	56		67

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, [illegible] inches.

Character of day, Cloudy

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0.5

Possible sunshine, hours, 12.4

Percentage of possible sunshine, 4

Prevailing direction East & West

Total movement, 117

Average hourly velocity, 4.9

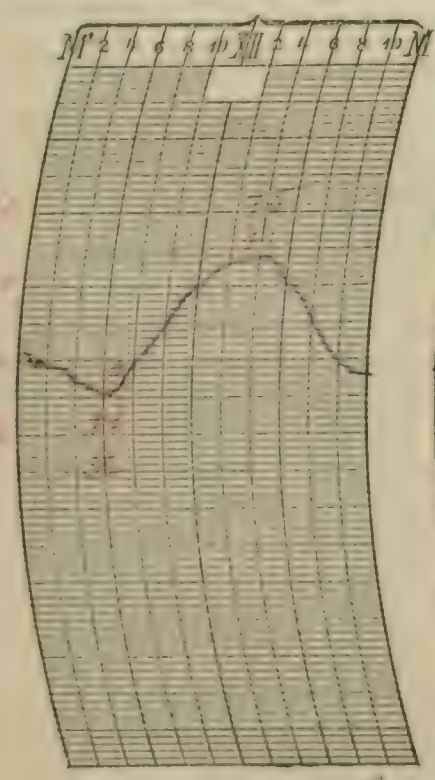
Maximum velocity,	Direction,	Time.
12	NE	5:16 p.m.
12	NE	8:16 p.m.

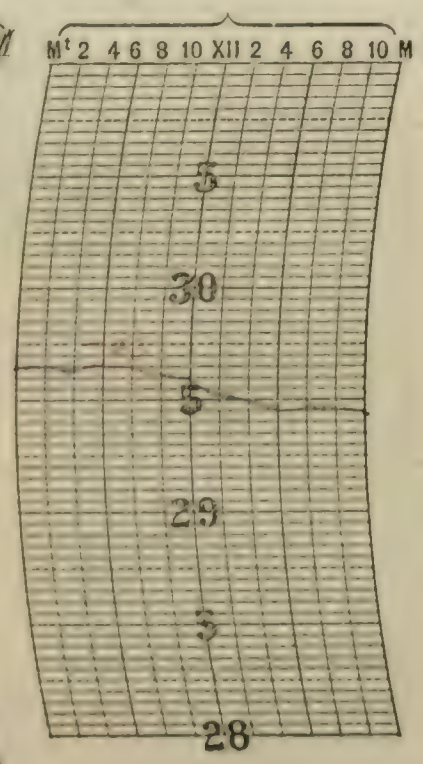
Relative humidity, 93 a. m. ..... p. m.

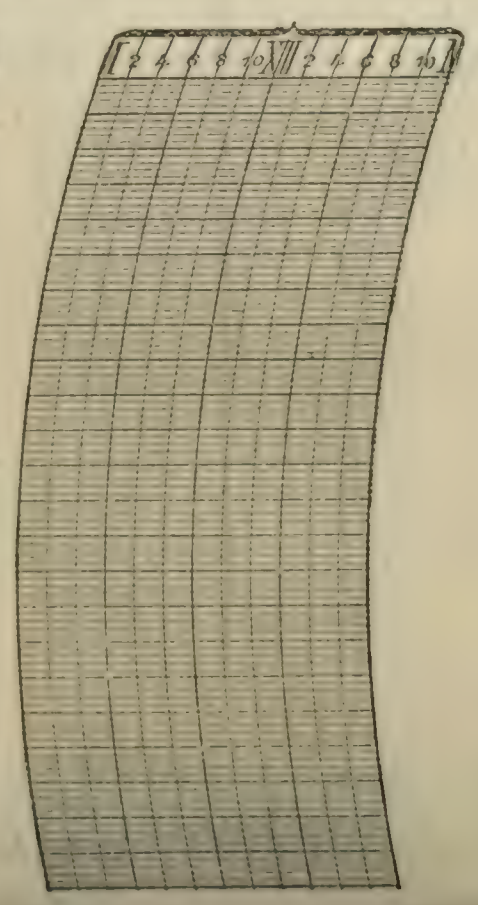
Reduced barometer, 30.19 a. m. ..... p. m.

River gage, 13.2 rising

NOTES.







Prepared by [illegible]

Verified by [illegible]

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE ILL, (Day of week) Tuesday, (Date) SEP 1 7 1918, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	57	57	57	57	56	57	57	58	59	60	60
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									Cloudy			
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	W	W	NW	W	W	W	NW	NW	NW	NW	N	E
Wind movement	6	7	4	5	6	4	4	4	3	3	3	3

Sunrise: Time, 5:38 Character, Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	61	62	62	62	61	59	58	57	58	58	57
Nature of precipitation and time of beginning and ending		RB 1:22	RE 2:10									
Amounts of precipitation		T	T									
Cloudiness and other conditions									Moon visible at intervals			
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	NE	SE	SW	S	S	S	SE	SW	SW	W	SW	SW
Wind movement	3	2	4	2	2	2	2	2	2	3	2	2

Sunset: Time, 6:02 Character, Cloudy

Maximum velocities (exceeding 20 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
62	56	57	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .04 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 6

Actual sunshine, hours, 0.6

Possible sunshine, hours, 12.4

Percentage of possible sunshine, 5

Prevailing direction Southwest

Total movement, 80

Average hourly velocity, 3.3

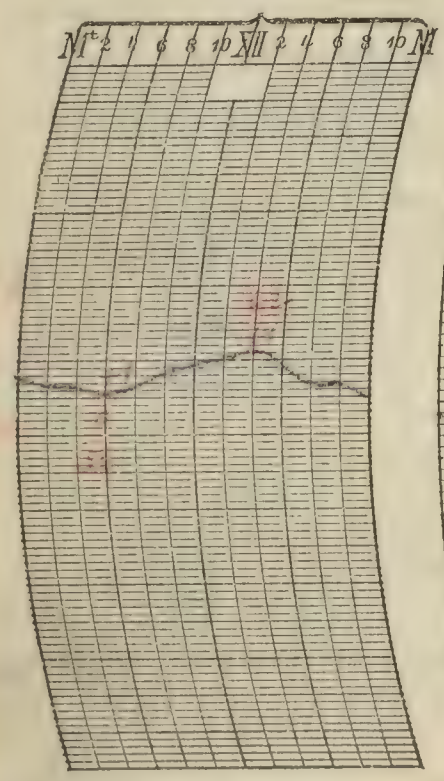
Maximum velocity,	Direction,	Time.
10	NW	1:42 am
Extreme vel., 10	NW	1:42 am

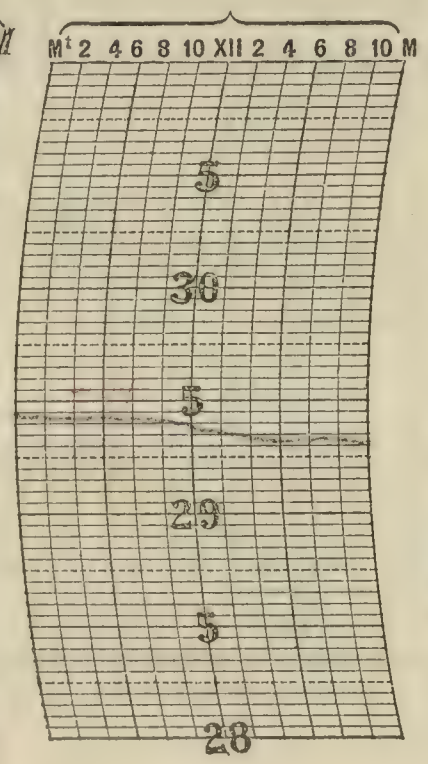
Relative humidity, 86 a. m. p. m.

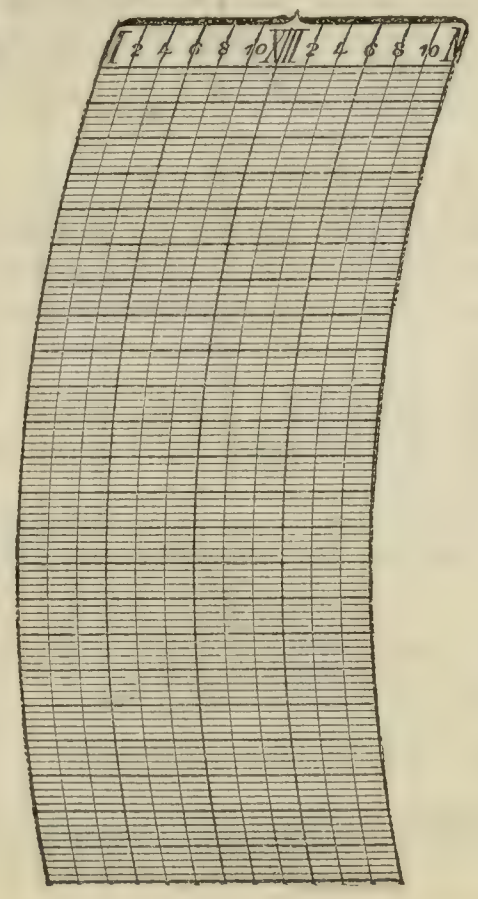
Reduced barometer, 29.94 a. m. p. m.

River gage, 12.6 falling

NOTES.







Prepared by S. P. S.
Verified by S. V. I.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) SEPT 1 1912 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	55	53	53 (+2)	54	54	53 (+2)	56	58	59	57	60 (+1)
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Lt fog				Pt Cldy				
Sunrise: Time, Character	5:39 Clear											
Sunshine (in tenths of hours)						.35	1.0	0.3				
Wind direction	SW	0	SW	SW	SW	SW	SW	W	W	W	SW	SW
Wind movement	2	0	2	1	2	2	3	6	9	11	16	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57 (+2)	51	55	58	55	55	52	50	50	50	50	50
Nature of precipitation and time of beginning and ending	RB 12:25 RE 12:45	RB 1:28	RE 2:24		RB 4:27 RE 4:50			RB 7:04 RE 7:25	RB 8:50	RE 9:11		
Amounts of precipitation	T	.07	.03		.01			T	T	.03	.01	
Cloudiness and other conditions	Cloudy				Pt Cldy		Cloudy					
Sunset: Time, Character									6:01 Cloudy			
Sunshine (in tenths of hours)	0	0.1	0	0.1	0	0.8	0					
Wind direction	W	W	W	W	W	W	SW	SW	SW	W	W	W
Wind movement	11	13	9	7	9	5	7	13	12	13	13	13

Maximum velocities (exceeding 25 miles) direction and time:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts.

	Maximum.	Minimum.	Mean.	Normal.
	[illegible]	[illegible]	[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m. 0 inches.

Snow on ground 7 p. m. 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .11 ins.

Total precipitation, midnight to midnight, .15 inches.

Character of day, Pt Cldy Moon phase, [illegible]

Average daily cloudiness (0-10) [illegible]

Actual sunshine, hours, 5.8

Possible sunshine, hours, 12.4

Percentage of possible sunshine, 31

Prevailing direction, West

Total movement, 172

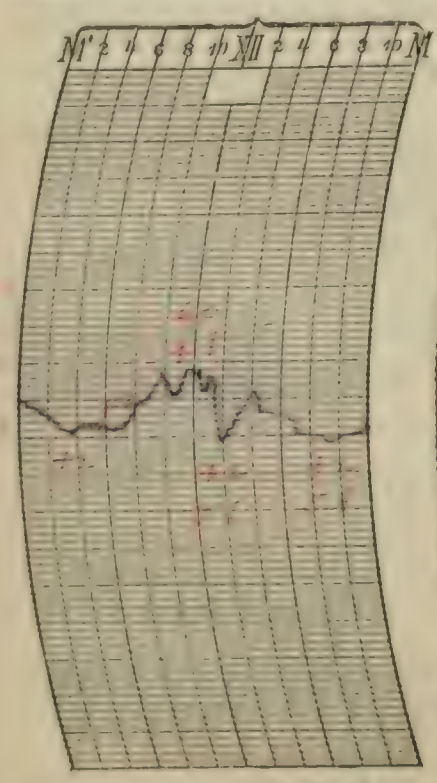
Average hourly velocity, 8.6

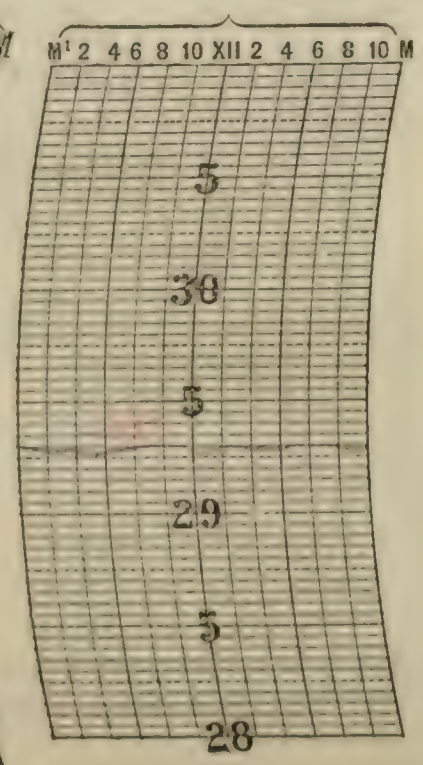
Maximum velocity.	Direction.	Time.
20	SW	10:37 a.m.

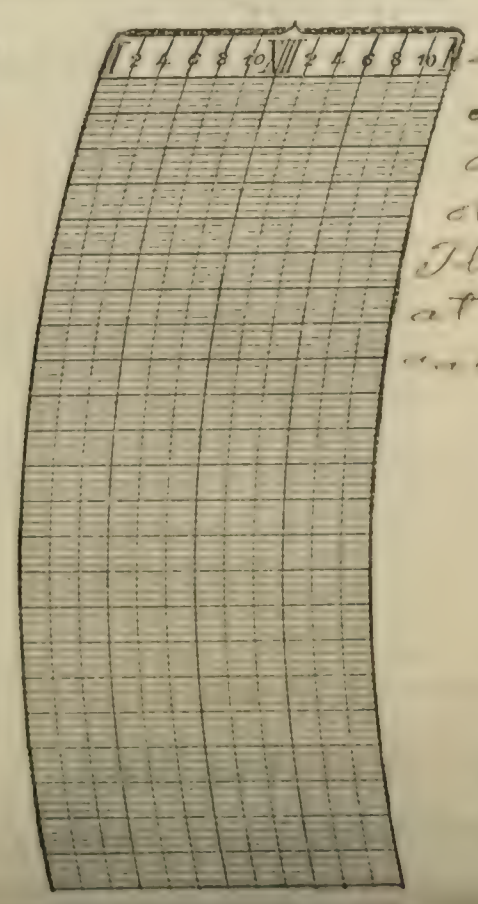
Relative humidity, 77 a. m. ____ p. m.

Reduced barometer, 29.79 a. m. ____ p. m.

River gage, 1.25 [illegible]







NOTES.

Light fog formed & lifted and disappeared at 8:00 a.m.; a heavy deposit of dew was observed this morning. Thunderstorm: First thunder heard at 1:51 p.m.; last heard at 2:12 p.m.; storm came from W.N.W.

Prepared by [illegible]

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) [illegible] 1912, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	53	53	53	53	53	52	53 (41)	55	59	63	66	67
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy				Clear			
Sunrise: Time, Character,	5:41 Cloudy											
Sunshine (in tenths of hours)						0	0	0	0.1	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	SW	W	W	W
Wind movement	13	13	13	12	11	12	10	10	13	14	16	16
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	68	70	71	71	69	66	63	62	57	55	57	59
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									Moon visible			
Sunset: Time, Character,									5:57 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.9 0.1	.95 0						
Wind direction	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	16	14	12	12	10	4	4	5	4	2	3	4
Maximum velocities (exceeding 25 miles) direction and time												

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
71	52	62	63

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .04 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, Clear Moon phase, ____

Average daily cloudiness (0-10) 2

Actual sunshine, hours, 9.1

Possible sunshine, hours, 12.3

Percentage of possible sunshine, 74

Prevailing direction West

Total movement, 243

Average hourly velocity, 10.1

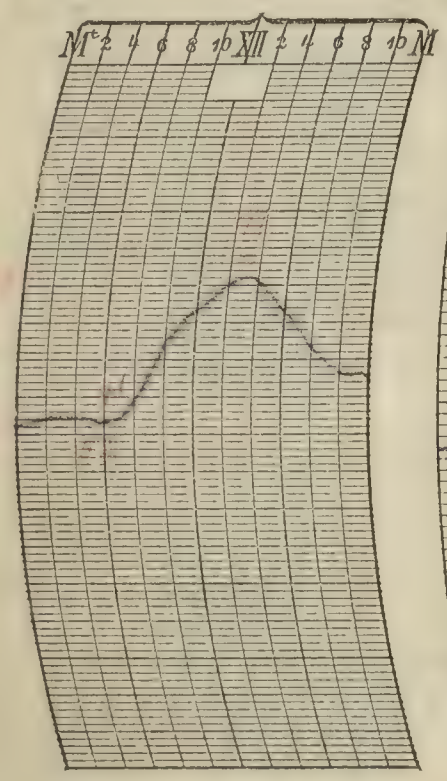
Maximum velocity, 30 Direction, W Time. 11:00 a.m.

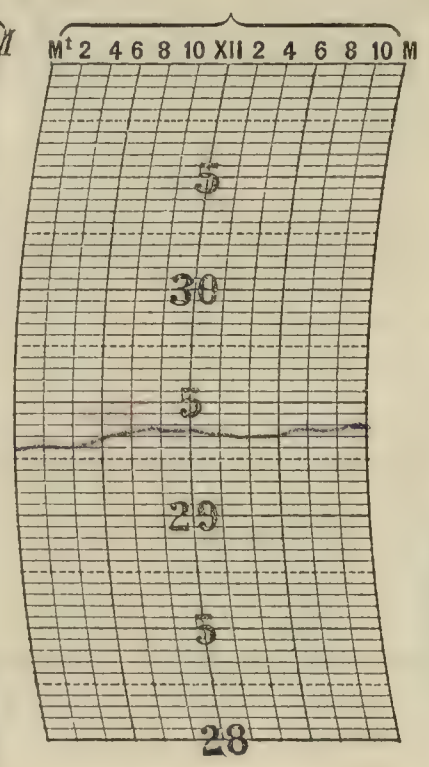
24 W 11:16 a.m.

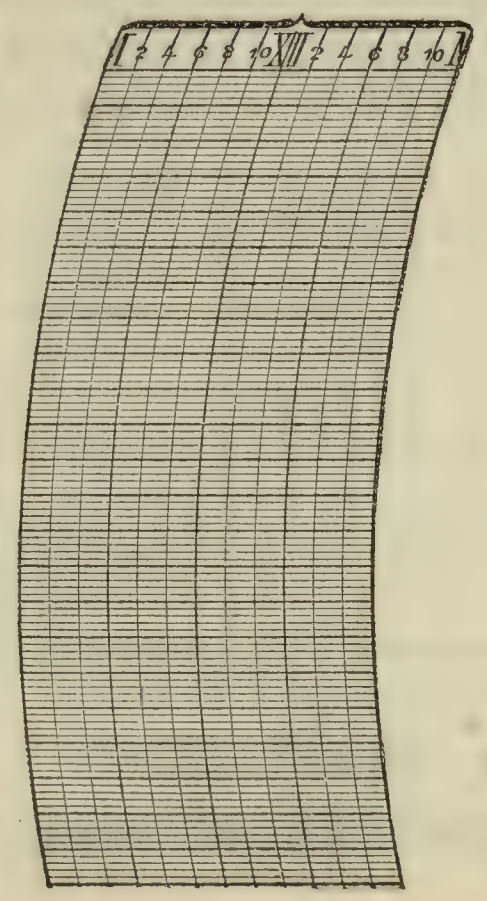
Relative humidity, 52 a. m. ____ p. m.

Reduced barometer, 29.86 a. m. ____ p. m.

River gage, 13.5 outstaff







NOTES.

Prepared by S. P. P.

Verified by S. F. P.

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LASALLE, ILL, (Day of week) Friday, (Date) [illegible] 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	59	60	60	60	60	59	59	62	66	68	74	72
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			—	Cloudy	—					—	Partly	Cloudy
Sunrise: Time, 5:42 Character, Cloudy												
Sunshine (in tenths of hours)						0	0	×0.2	×0.3	×0.4	0.6	0.3
Wind direction	SW	SW	SW	SW	SW	SW	S	S	SW	SW	SW	SW
Wind movement	4	7	7	9	8	7	5	7	6	5	8	12
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	64	64	65	66	66	65	64	64	62	[illegible]	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending	RB 12:14	RE 1:45							RB 8:57			
Amounts of precipitation	T	T							.01	.03	.21	.24
Cloudiness and other conditions			Cloudy									
Sunset: Time, 5:57 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	SW	SW	SW	SW	SW	S	S	S	S	NW	NW	NW
Wind movement	16	12	10	13	11	7	3	2	4	4	6	6

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amount

	Maximum.	Minimum.	Mean.	Normal.
Temperature	74	59	[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m. [illegible] inches.

Snow on ground 7 p. m. [illegible] inches.

Total snowfall, midnight to midnight, [illegible] inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight .49 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 6

Actual sunshine, hours, 1.8

Possible sunshine, hours, 12.2

Percentage of possible sunshine, 15

Prevailing direction Southwest.

Total movement, 179

Average hourly velocity, 7.5

Maximum velocity,	Direction.	Time.
22	SW	12:25 pm
23	SW	12:26 pm

Relative humidity, 73 a. m. [illegible] p. m.

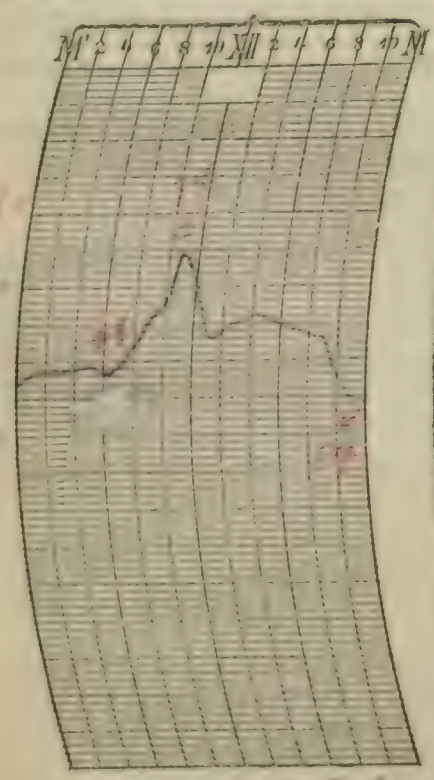
Reduced barometer, 29.93 a. m. [illegible] p. m.

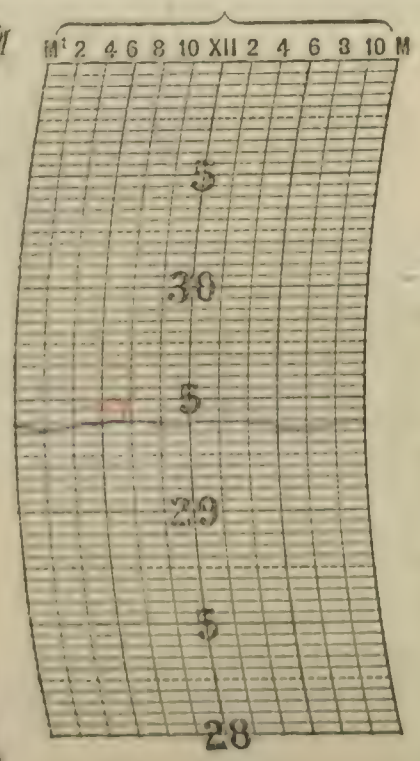
River gage, 13.4 falling

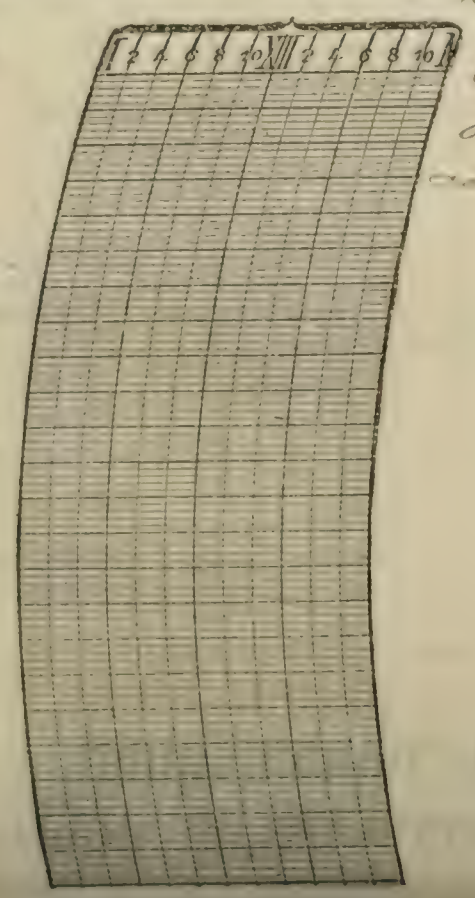
× Eye observations.

NOTES.

Thunderstorm: First thunder heard at 9:35 pm; last heard next day; storm came from N.W.







Prepared by [illegible]

Verified by [illegible]

Form No. 1011—Met. I.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) [illegible] 1913, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	55	53	53	52	52	53 (+1)	53	53	53	53	54	54	55	57	59 (+1)	58	57	55	55	55	54	54	53
							RE 6:30	RB 7:06			RE 10:45		RB 12:10		RE 2:30									
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation	.17	.20	.05	.03		T	T	T	T	.06	.03		T	T	T									
Cloudiness and other conditions					Cloudy																Moon visible			
Sunrise: Time, Character,	5:42 Cloudy																				Sunset: Time, Character, 5:56 Cloudy			
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0.3	0.1	0	0						
Wind direction	NE	NE	W	W	W	NE	W	W	W	W	W	W	W	W	W	W	S	SE	SE	SE	S	SW	S	SW
Wind movement	4	3	5	7	7	3	5	4	3	3	5	[illegible]	4	4	3	3	3	3	3	4	3	1	3	6
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From— To— | Total amount of precipitation. | Excessive rate. Began— Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. 10 min. 15 min. 20 min. 25 min. 30 min. 35 min. 40 min. 45 min. 50 min. 60 min. 80 min. 100 min. 120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
59	52	56	62

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to 7 a. m., .14 ins.; to 7 p. m., .09 ins.

Total precipitation, midnight to midnight, .23 inches.

Character of day, Cloudy Moon phase, ____

Average daily cloudiness (0-10) ____

Actual sunshine, hours, 0.4

Possible sunshine, hours, 12.2

Percentage of possible sunshine, 3

Prevailing direction Northwest

Total movement, 92

Average hourly velocity, 3.8

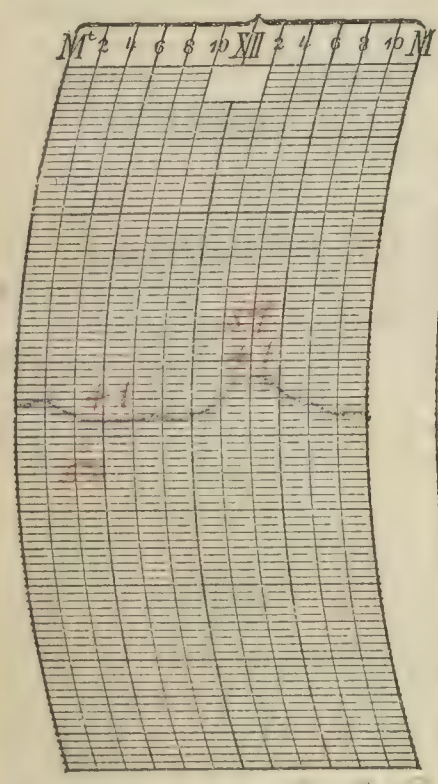
Maximum velocity,	Direction,	Time.
9	NW	3:56 am
Extreme vel., 9	NW	3:56 am

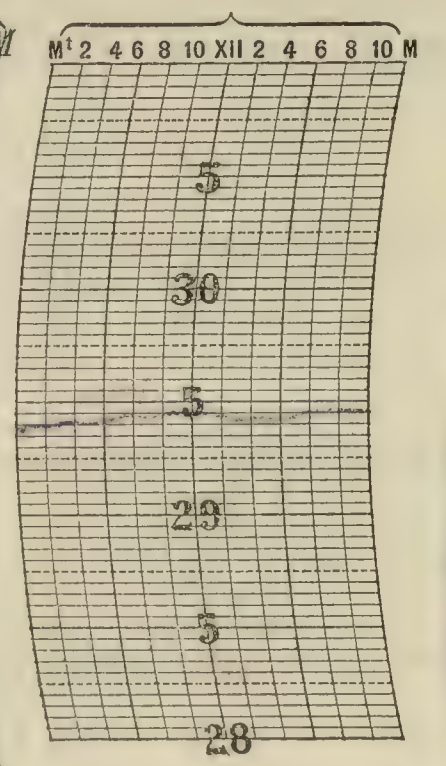
Relative humidity, 95 a. m. ____ p. m.

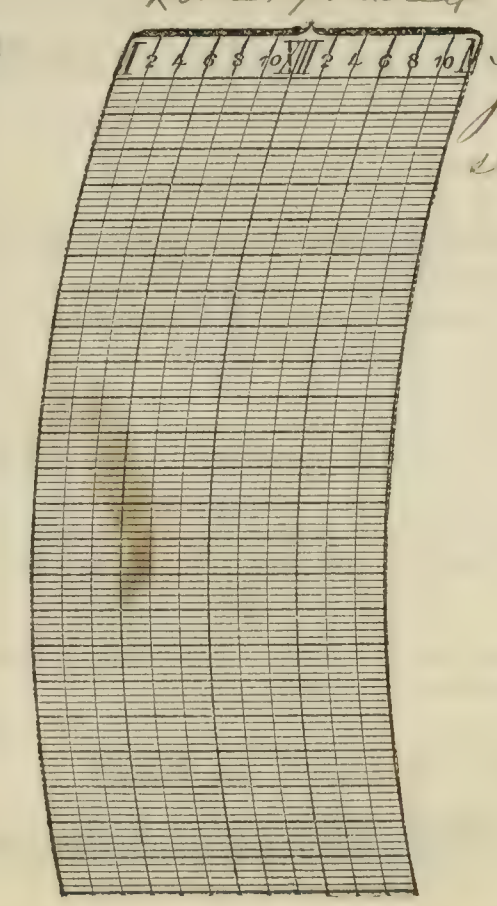
Reduced barometer, 29.95 a. m. ____ p. m.

River gage, 13.6, rising

X Interpolated. * Eye observation.







NOTES.

Thunderstorm: First thunder heard preceding day. Last thunder heard Date: storm came from N.W.

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) SEP 2 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	51	51	51	50	49	50	54	60	64	66	68
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear										Clear	
Sunrise: Time, Character,	5:43 Cloudy											
Sunshine (in tenths of hours)						0	0.9 0	0.8 0.2	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	4	4	4	5	3	3	3	7	10	11	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	68	68	68	67	63	58	57	55	55	55	54
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, Character,									5:57 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	X 1.0	1.0 0	.90 0						
Wind direction	W	W	W	W	W	W	W	W	C	W	S	S
Wind movement	15	14	11	9	6	1	1	2	0	2	3	3

Maximum velocity (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
67	[illegible]	[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase

Average daily cloudiness (0–10) 1

Actual sunshine, hours, 11.8

Possible sunshine, hours, 12.2

Percentage of possible sunshine, 97

Prevailing direction Southwest

Total movement, 141

Average hourly velocity, 5.9

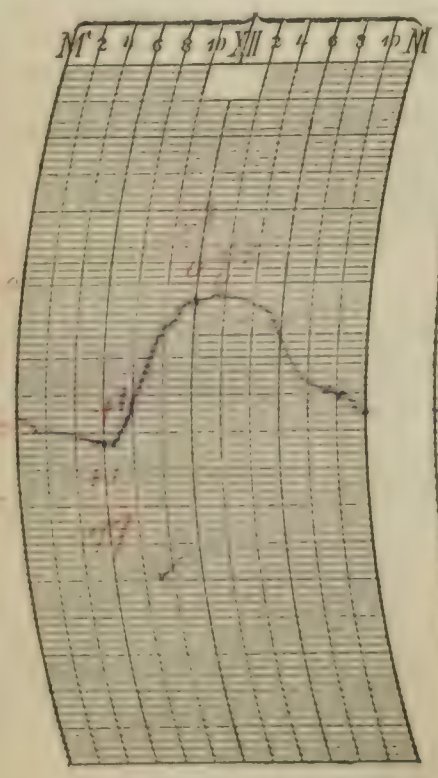
	Maximum velocity,	Direction,	Time.
Extreme	17	SW	12:47 pm
	19-W	-	1:01 pm

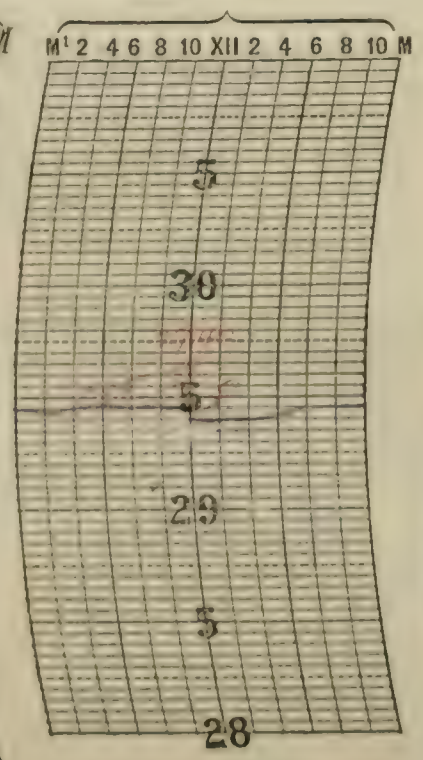
Relative humidity, 95 a. m. p. m.

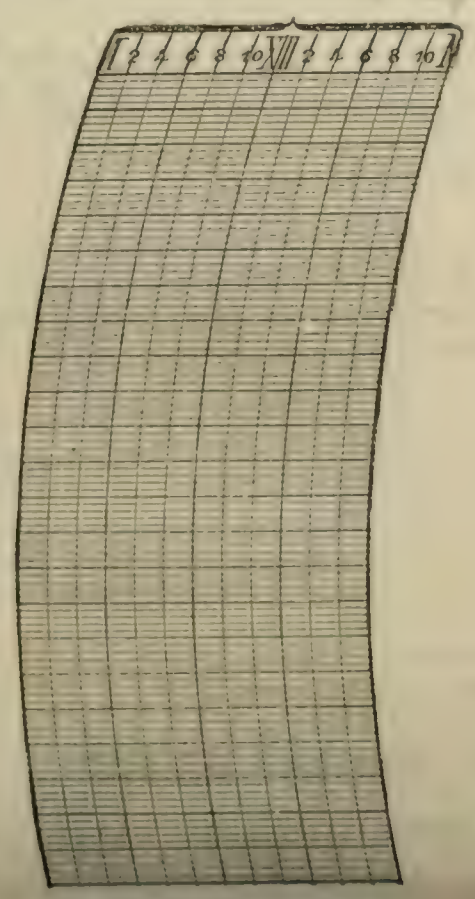
Reduced barometer, 29.98 a. m. p. m.

River gage, 12.6, 0.0 above Zero

NOTES.







Prepared by

Verified by

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Monday, (Date) SEP 23 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	53	51	51	49	48	50	56	64	69	72	75
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Moon											
				Lt fog								
Sunrise: Time, Character,	5:44 Clear											
Sunshine (in tenths of hours)						.27 0	1.0 0	1.0 0	× 1.0	1.0	1.0	1.0
Wind direction	S	SW	SW	S	SW	SW	S	SE	SE	SW	SW	SW
Wind movement	3	3	3	2	3	2	1	2	2	7	8	9
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	76	75	74	71	67	63	61	60	59	57	56
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear					Lt smoke		Moon				
Sunrise: Time, Character,									Sunset: Time, Character, 5:52 Smoke			
Sunshine (in tenths of hours)	1.0	1.0	1.0	× 1.0	1.0 0	.57 0						
Wind direction	S	S	S	SE	SE	SE	E	E	E	E	E	E
Wind movement	8	7	8	7	5	5	4	4	5	5	5	5
Maximum velocities (exceeding 25 miles) direction and time												

× Eye [illegible]

Maximum.	Minimum.	Mean.	Normal.
76	48	62	62

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, Clear Moon phase, ____

Average daily cloudiness (0-10) fair

Actual sunshine, hours, 11.8

Possible sunshine, hours, 12.1

Percentage of possible sunshine, 98

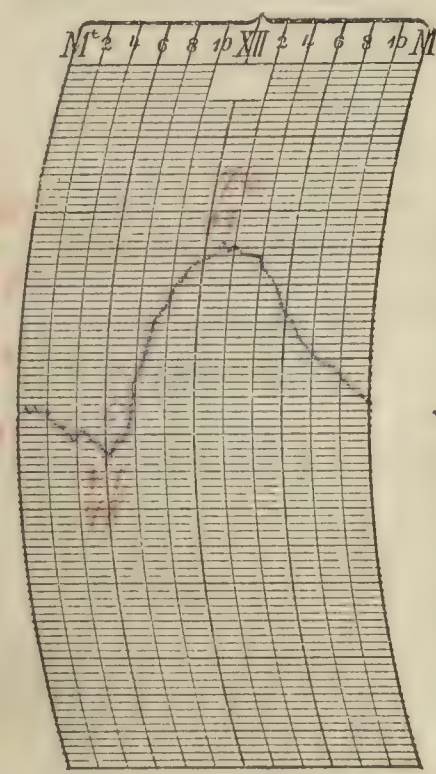
Prevailing direction Southwest

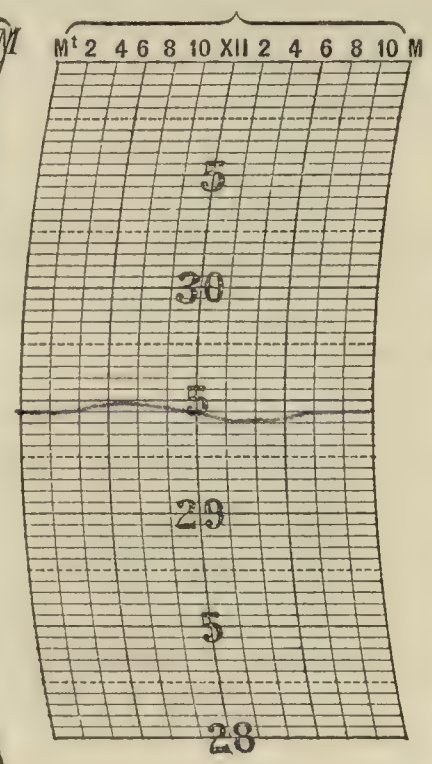
Total movement, 143

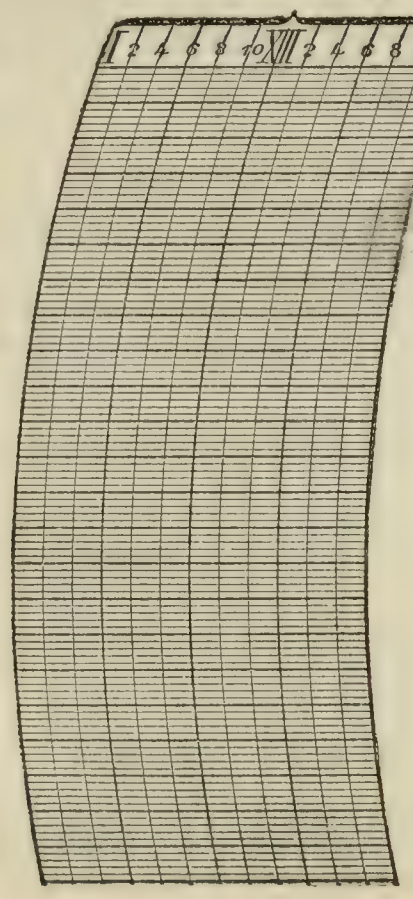
Average hourly velocity, 4.7

	Maximum velocity,	Direction,	Time.
	11	SW	11:41 am
Extreme vel.,	11	SW	11:41 am
Relative humidity,	85 a. m.		p. m.
Reduced barometer,	30.03 a. m.		p. m.
River gage,	13.5 falling		

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.







NOTES.

Lt fog formed Mta & disappeared at 8:15 am.
Lt smoke formed at 5:00 pm and [illegible]

Prepared by [illegible]
Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) SEP 2 1 1912 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	53	51	51	50	50	50	55	61	66	70	70	72	73	74 (+1)	72	70	67	66	65	60	RB 9:12	RS Dep	
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																						.07	.01	
Cloudiness and other conditions				St	fog	Clear			→				×	Pt Cldy		×	Clear				×	×	Cloudy	
Sunrise: Time, 5:45 Character, Clear																						Sunset: Time, 5:51 Character, Clear		
Sunshine (in tenths of hours)						.25 0	1.0 0	1.0 0	× 1.0	1.0	1.0	0.8	1.0	1.0	0.7	× 0.8	0.7 0	.5 0						
Wind direction	E	E	E	E	E	E	E	E	E	E	SE	E	SE	SE	SE	SE	SE	SE	SE	E	E	SE	E	SE
Wind movement	6	5	4	4	5	5	5	5	4			7	7	7	7	7	7	4	4	5	6	6	7	11
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
74	50	[illegible]	61

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, [illegible] inches.

Character of day, [illegible] Moon phase,

Average daily cloudiness (0-10)

Actual sunshine, hours, 11.3

Possible sunshine, hours, 12.1

Percentage of possible sunshine, 93

Prevailing direction [illegible]

Total movement, 136

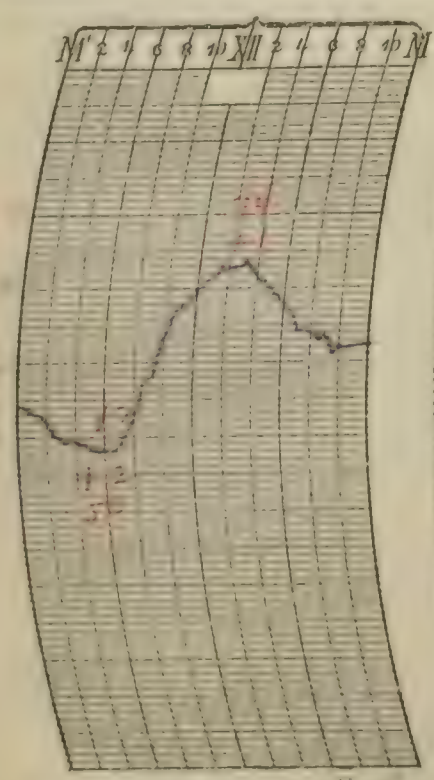
Average hourly velocity, 5.7

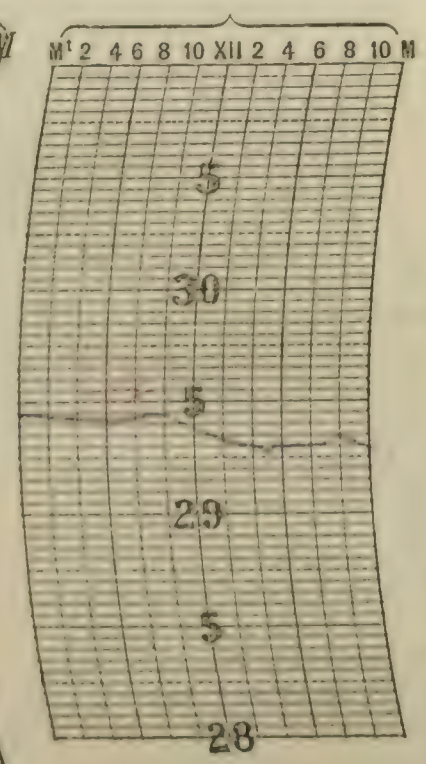
Maximum velocity,	Direction.	Time.
11	[illegible]	[illegible]

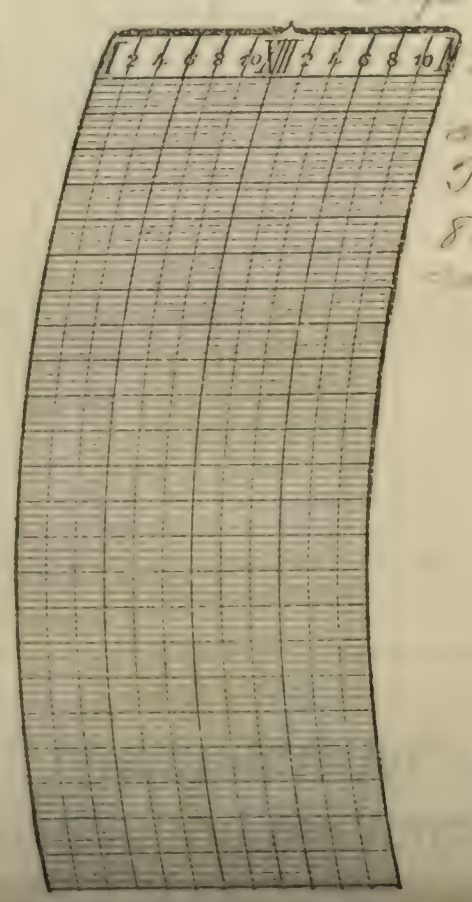
Relative humidity, 93 a. m. p. m.

Reduced barometer, 29.97 a. m. p. m.

River gage. [illegible]







NOTES.

St fog formed DMa & disappeared at 9:15 am. Thunderstorm: First thunder heard at 8:10 pm; last heard 7:10 pm. Storm center passed [illegible]

Prepared by [illegible]

Verified by

5—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) SEP 23 1908, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	64	63	64	64	64	63 (+2)	65	62 (+1)	58	55	51
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Pt Cldy				Cloudy			
Sunrise: Time, Character,	5:46 Cloudy											
Sunshine (in tenths of hours)						0	0 (0.5)	0 (0.7)	0.1	0	0	0
Wind direction	SE	SE	S	S	S	SW	SW	SW	SW	W	W	W
Wind movement	8	7	6	4	7	7	6	9	15	16	17	18

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	55	54	50	47	46	46	47	47	46	45	43
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Pt Cldy		Cloudy							
Sunset: Time, Character,									5:49 Cloudy			
Sunshine (in tenths of hours)	0.1	0.7	0.5	0.4	0	0						
Wind direction	SW	W	W	W	W	W	W	W	W	W	W	W
Wind movement	18	17	16	14	15	13	10	11	9	10	8	7

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
66	43	54	61

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .08 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cldy Moon phase,

Average daily cloudiness (0-10) 7

Actual sunshine, hours, 3.3

Possible sunshine, hours, 12.0

Percentage of possible sunshine, 28

Prevailing direction West

Total movement, 266

Average hourly velocity, 11.1

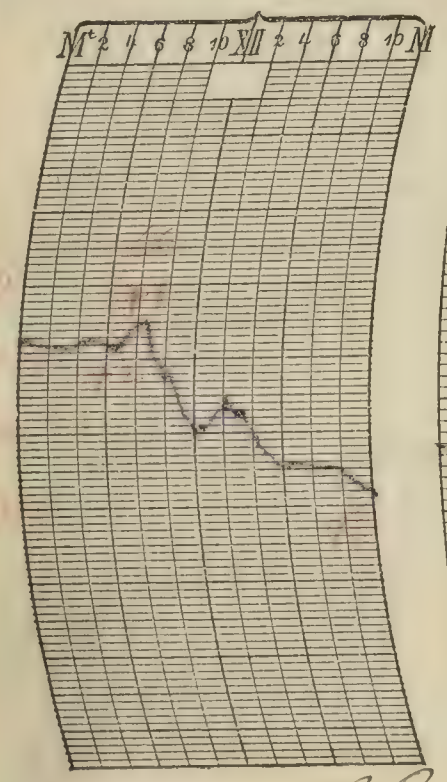
Maximum velocity,	Direction,	Time.
24	SW	12:58 pm
25	SW	12:57 pm

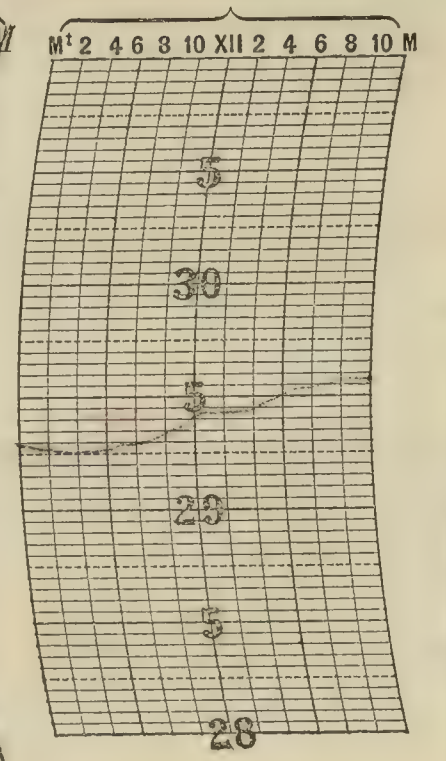
Relative humidity, 90 a. m. ____ p. m.

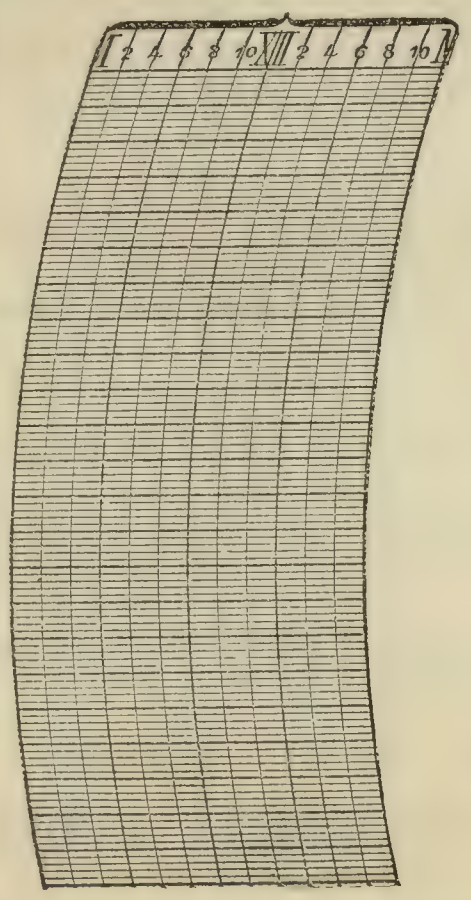
Reduced barometer, 29.84 a. m. ____ p. m.

River gage, 13.5, rising

NOTES.







Prepared by S. P. P.
Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) [illegible], 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	40	39	37	37	36	38	44	47	49	52	53	55	57	57	57	55	52	52	49	49	49	47	45
						12	+2								+1									
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions		Clear																						
Sunshine (in tenths of hours)						0	0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0						
						.22	1.0										0.5	.38						
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	6	8	7	7	7	6	8	10	13	14	16	16	12	13	8	9	7	5	4	2	2	3	1	2

Sunrise: Time, 5:47 Character, Clear

Sunset: Time, 5:47 Character, Cloudy

Maximum velocity (exceeding 25 miles) direction and time

Excessive precipitation, accumulated amounts.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	57	36	46	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, 0 sixth day

Average daily cloudiness (1-10) 1

Actual sunshine, hours, 11.6

Possible sunshine, hours, 12.0

Percentage of possible sunshine, 97

Prevailing direction, West & Northwest

Total movement, 186

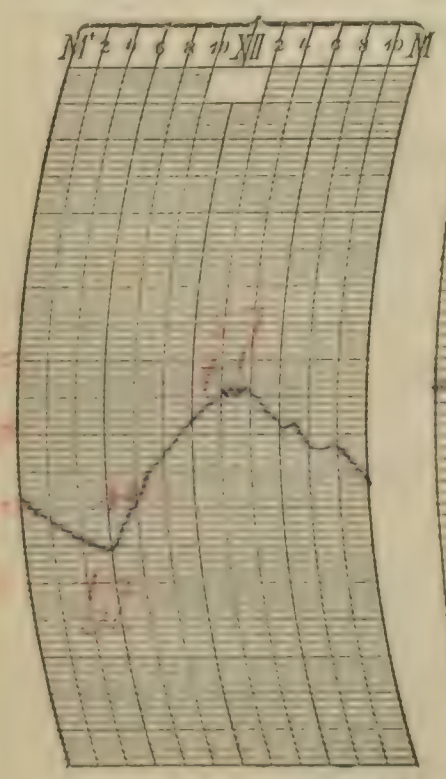
Average hourly velocity, 7.5

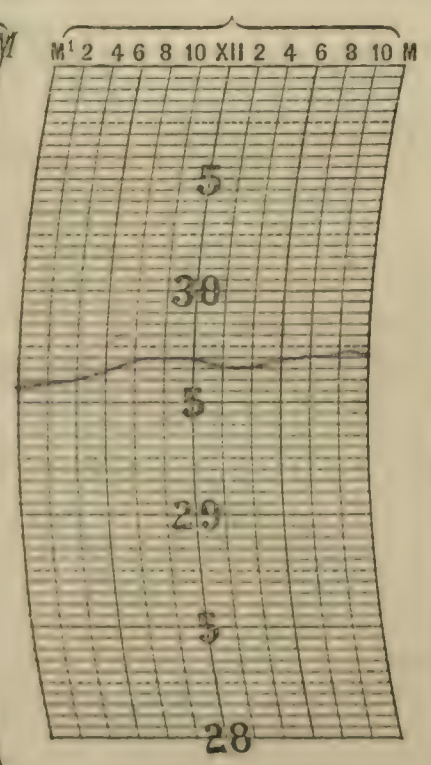
Maximum velocity,	Direction,	Time.
19	W	10:03 am
Extreme vel., 20	NW	7:57 am

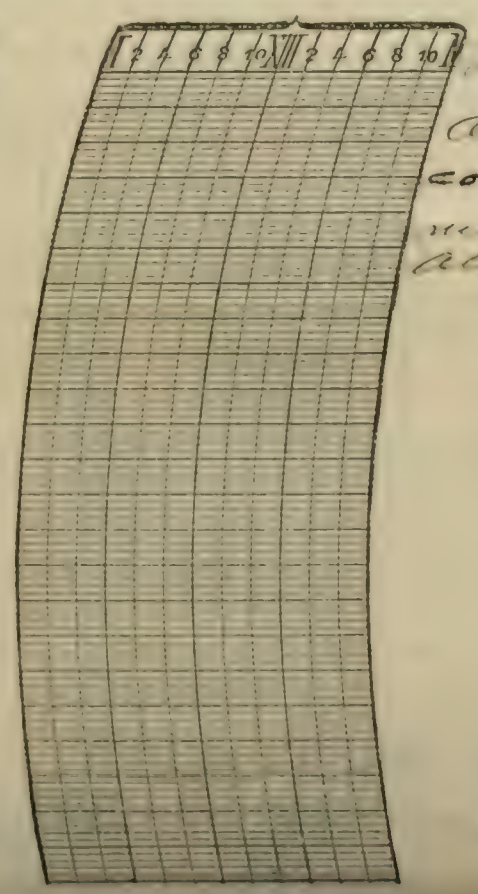
Relative humidity, 75 a. m. ____ p. m.

Reduced barometer, 30.21 a. m. ____ p. m.

River gage, 13.5, Ice at Top







NOTES.

Light frost observed this morning — a warning of frost, probably heavy, was contained in the regular forecast message today received at 8:43 am. All interests were notified.

Prepared by S. C. V.,
Verified by S. C. V.

Form No. 1017—Met. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) SEP 27 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	41	40	39	40	41	42 (+1)	47	53	57	60	62
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Moon visible					Clear						
Sunrise: Time, Character,	5:48 Clear											
Sunshine (in tenths of hours)						0	0	0.8	1.0	1.0	1.0	1.0
Wind direction	O	W	W	NW	SW	S	S	SW	SW	SW	SW	W
Wind movement	0	2	2	2	1	3	2	4	8	13	13	13
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	65	65 (+1)	63	61	58	56	55	52	50	49	47
State of weather: Nature of precipitation and time of beginning and ending								RB 7:10 RS 7:20		RB 9:10 RS 9:30		
Amounts of precipitation								T		T		
Cloudiness and other conditions	Pt cldy						Cloudy					
Sunset: Time, Character,									5:45 Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.2	0	0						
Wind direction	W	SW	W	W	W	NW	N	N	N	N	N	N
Wind movement	12	11	9	6	5	5	5	6	6	8	6	5

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
65	39	52	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt cldy Moon phase,

Average daily cloudiness (0-10) 4

Actual sunshine, hours, 9.4

Possible sunshine, hours, 12.0

Percentage of possible sunshine, 78

Prevailing direction West

Total movement, 147

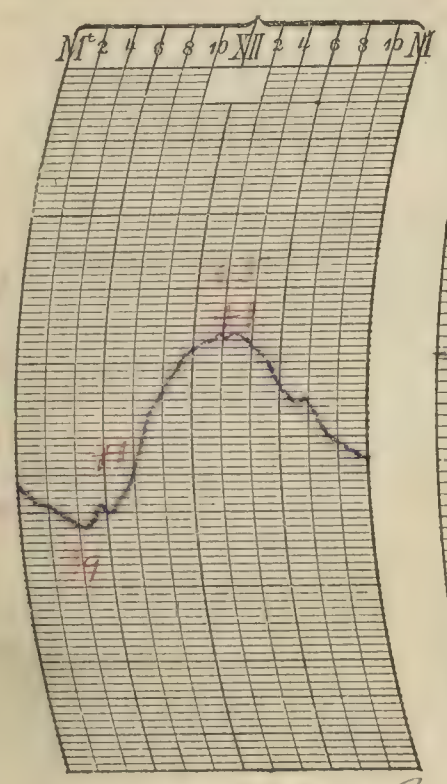
Average hourly velocity, 6.1

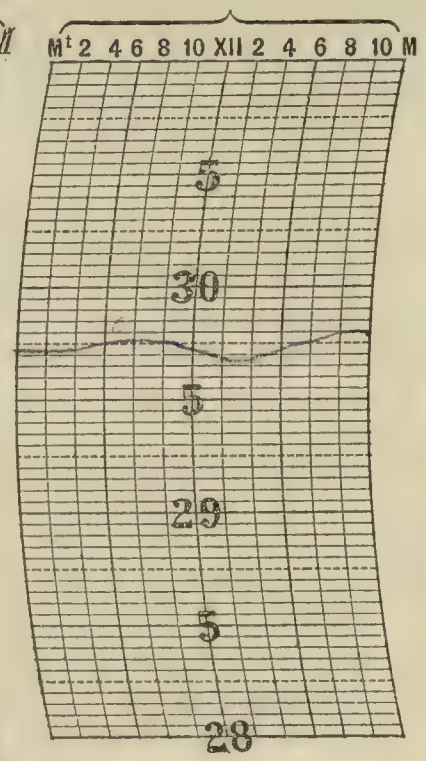
	Maximum velocity,	Direction,	Time.
	16	SW	11:22 am
Extreme vel.	17	SW	9:30 am

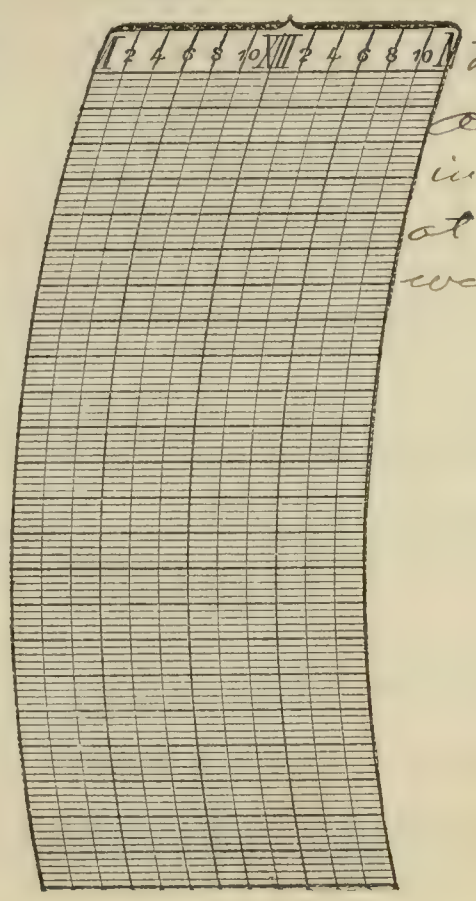
Relative humidity, 68 a. m. p. m.

Reduced barometer, 30.34 a. m. p. m.

River gage, 13.4, falling







NOTES.

Light frost observed this morning. A warning of frost was contained in the forecast message received at 8:37 am today. All interests were notified.

Prepared by S. P. S.

Verified by S. V. T.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) [illegible], 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	47	46	46	46	46	+1 47	48	49	51	50	+2 51
						RB 5:55	RE 6:10	RB 7:12 RE 7:18			RB 10:50	
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation						T	T	T			T	T
Cloudiness and other conditions										Cloudy		
Sunrise: Time, Character, 5:50 Cloudy												
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	7	7	6	7	7	7	6	6	9	8	9	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	49	49	47	46	45	44	44	44	44	43	[illegible]
							RE 6:25					
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	T	.02	.02	.05	.06	.03	T					
Cloudiness and other conditions												
Sunset: Time, Character, 5:44 Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	* NE	* NE	* NE	NE	NE	N	N	N	N	N	N	N
Wind movement	8	8	8	9	7	7	7	8	9	9	8	5

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
51	42	[illegible]	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .18 ins.

Total precipitation, midnight to midnight, .18 inches.

Character of day, Cloudy; moon phase,

Average daily cloudiness (0-10) 10.0

Actual sunshine, hours, 0

Possible sunshine, hours, 11.9

Percentage of possible sunshine, 0

Prevailing direction Northeast

Total movement, 185

Average hourly velocity, 7.7

Maximum velocity,	Direction,	Time.
13	NE	11:20 am.
Extreme vel., 13	NE	11:20 am

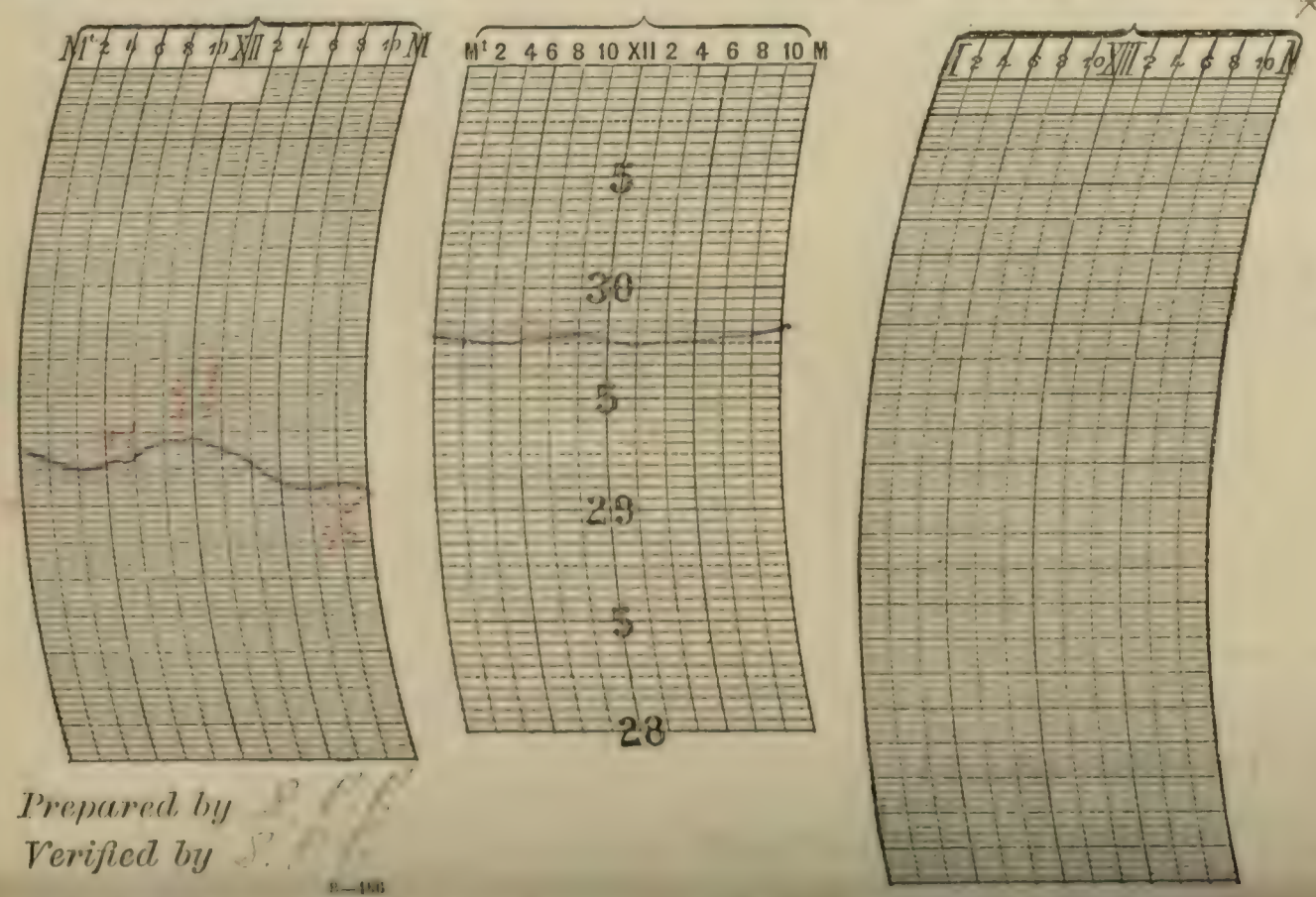
Relative humidity, 89 a. m. p. m.

Reduced barometer, 30.35 a. m. p. m.

River gage, 13.3 La Salle

* Esp. obscuration.

NOTES.



Prepared by [illegible]

Verified by [illegible]

8—198

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE ILL., (Day of week) Sunday, (Date) SEP 2 1 1913, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	42	41	39	38	37 +1	39 +1	43	47	51	54	55 +1
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		Clear									Clear	
		visibility										
Sunshine (in tenths of hours)						.15 0	0.9 0.1	1.0	1.0	1.0	1.0	1.0
Wind direction	NW	NW	N	N	N	NW	N	NE	NE	NE	NE	NE
Wind movement	5	3	7	8	8	2	5	8	7	8	9	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	57 -1	57	57	54	52	49	46	44	42	42	39
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions										Clear		
										visibility		
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.5 0.5	.70 0						
Wind direction	N	NW	N	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	9	6	6	5	4	4	3	2	2	1	3	1

Sunrise: Time, 5:51 Character, Clear

Sunset: Time, 5:42 Character, Clear

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
58	37	48	59

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 1

Actual sunshine, hours, 11.8

Possible sunshine, hours, 11.8

Percentage of possible sunshine, 100

Prevailing direction Northwest

Total movement, 126

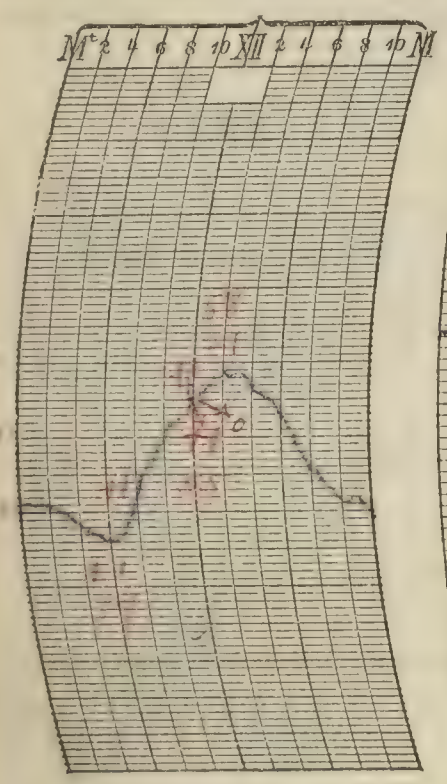
Average hourly velocity, 5.2

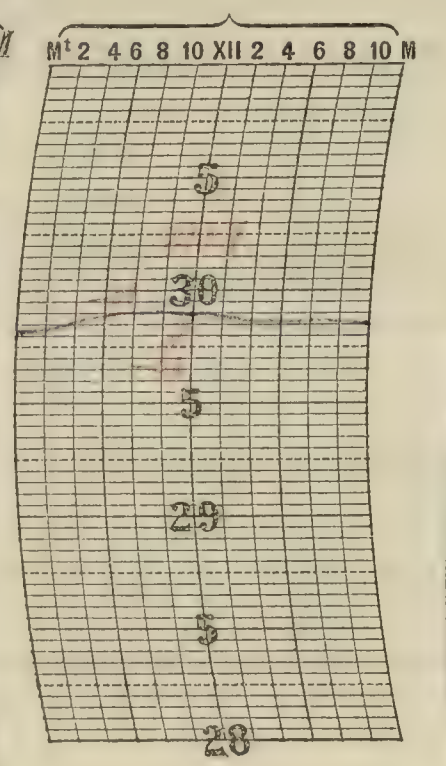
Maximum velocity,	Direction,	Time.
13	N	11:15 am
Extreme vel., 13	N	11:15 am

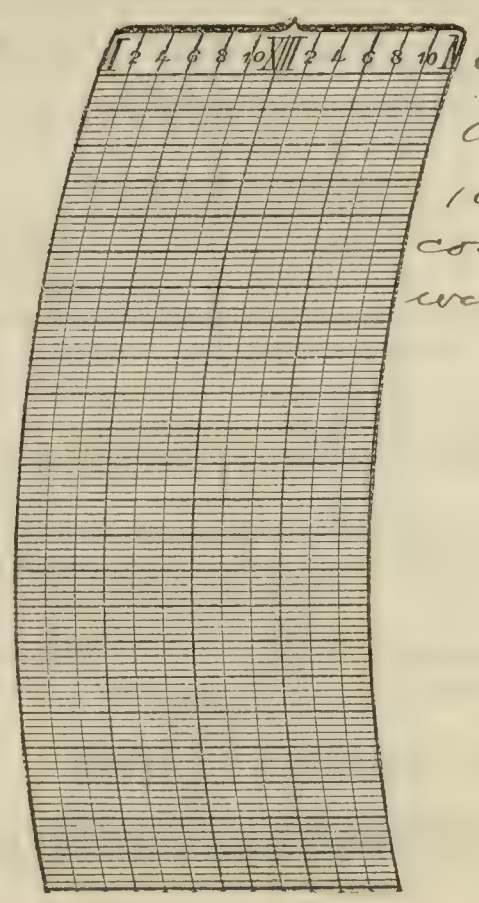
Relative humidity, 89 a. m. p. m.

Reduced barometer, 30.48 a. m. p. m.

River gage, 13.3, on stand







NOTES.

A heavy dew was observed this morning. A frost warning was received at 10:50 am today. All interests that could be reached over the phone were notified.

Prepared by S. V. F.

Verified by S

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LASALLE ILL., (Day of week) Monday, (Date) Sept 30 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	38	37	36	36	35	37	45	51	56	57	60	61	61	61	60	57	54	52	50	49	47	45	42
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions		Clear																			Cloudy			
		visibility						Fog				Clear									visibility			
Sunrise: Time, Character,	5:52 Clear																							
Sunset: Time, Character,																					5:40			
Sunshine (in tenths of hours)						1.3 0	1.0 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0						
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W	W	SW	SW	SW	W	SW	SW	SW	SW	SW	W	W	W
Wind movement	2	2	1	1	2	1	2	3	6	9	12	15	17	16	17	17	16	9	7	5	6	5	4	4
Maximum velocities (exceeding 25 miles) direction and time																								

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
61	35		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) Low

Actual sunshine, hours, 11.8

Possible sunshine, hours, 11.8

Percentage of possible sunshine,

Prevailing direction SW - W - NW

Total movement, 179

Average hourly velocity, 7.5

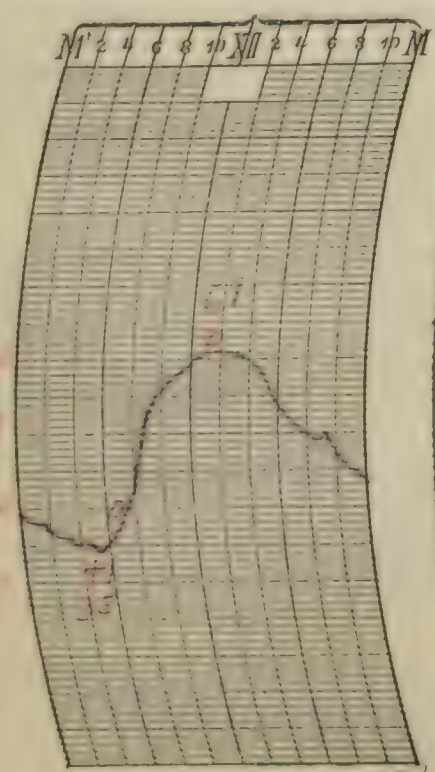
Maximum velocity.	Direction.	Time.
21	W	2:54 pm
"	W	3:54 pm

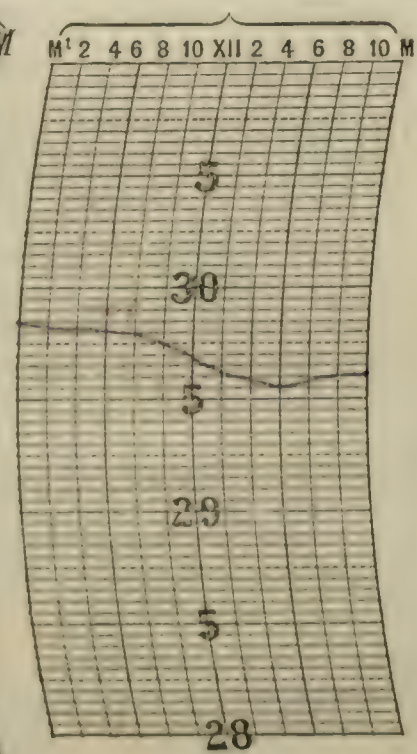
Relative humidity, 78 a. m. p. m.

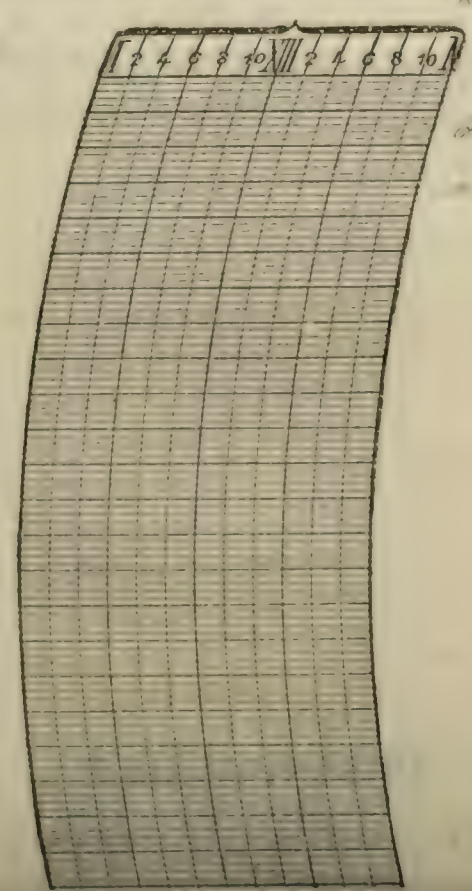
Reduced barometer, 30.28 a. m. p. m.

River gage, 1.0 ft. 0 ft. stand

Excessive precipitation, accumulated amount.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.







Prepared by S. [illegible]

Verified by S. [illegible]

NOTES.

Sky observation

Heavy frost was observed this morning.

Light fog formed D Ua and ended at 9:00 am.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL., (Day of week) Tuesday, (Date) OCT 1 1912, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	43	42	42	41	40	39	41	47	53	57	64	66
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		Clear							Clear			
Sunshine (in tenths of hours)						.12 0	1.0 0	.4 × 0.6	1.0	1.0	× 1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	SW	SW	W	SW
Wind movement	3	3	3	2	1	2	3	3	4	6	6	6

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	67	68	67	67	65	60	58	57	57	54	51	51
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.5 0.5	.63 0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	7	7	6	7	4	3	2	3	5	4	2	2

Sunrise: Time, 5:53 Character, Clear

Sunset: Time, 5:38 Character, Clear

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
68	39	52	57

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 0

Actual sunshine, hours, 11.8

Possible sunshine, hours, 11.8

Percentage of possible sunshine, 100

Prevailing direction Southwest

Total movement, 94

Average hourly velocity, 3.9

Maximum velocity,	Direction,	Time.
11	SW	12:25 pm
Extreme vel., 11	SW	12:25 pm

Relative humidity, 92 a. m. p. m.

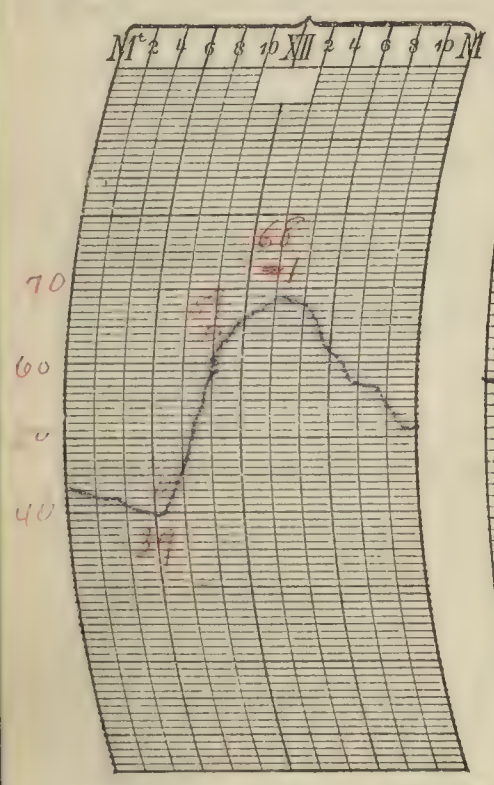
Reduced barometer, 30.21 a. m. p. m.

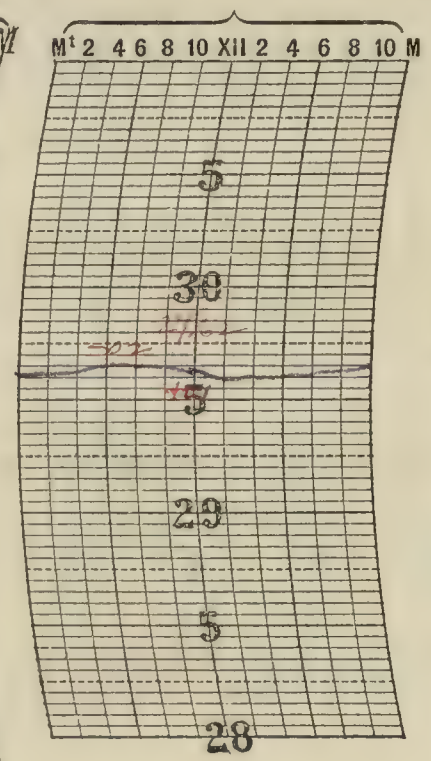
River gage,

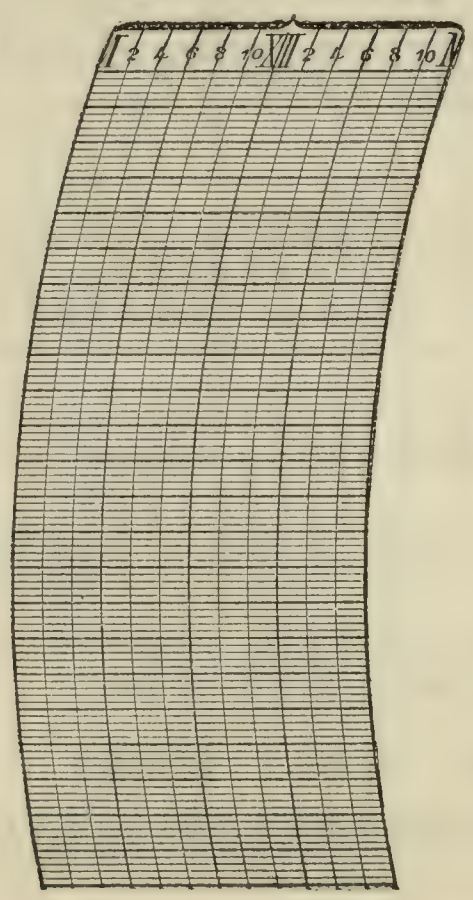
× Eye observations.

NOTES.

A light frost was observed this morning.







Prepared by S. P. P.

Verified by S. P. P.

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) OCT 2 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	47	45	43	43	42	42	44 (+1)	54	61	66	69	70
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		Moon visible						Clear				
Sunrise: Time, Character,	5:54 Clear											
Sunshine (in tenths of hours)						.10 0	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	SW	SW
Wind movement	2	2	1	2	2	1	3	1	7	8	13	14

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	71	73	73 (0)	72	69	65	63	61	57	[illegible]	[illegible]	47
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, Character,									5:37 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.6 × 0.4	.22 0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	13	13	11	10	6	3	3	5	4	4	7	5

	Maximum.	Minimum.	Mean.	Normal.
	71	42		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 1

Actual sunshine, hours, 11.3

Possible sunshine, hours, 11.7

Percentage of possible sunshine, 97

Prevailing direction Southwest

Total movement, 140

Average hourly velocity, 5.8

Maximum velocity,	Direction,	Time.
16	SW	11:51 am

Relative humidity, 79 a. m. p. m.

Reduced barometer, 30.22 a. m. p. m.

River gage, 13.4, rising

Excessive precipitation, accumulated amount: 25 miles, direction and time

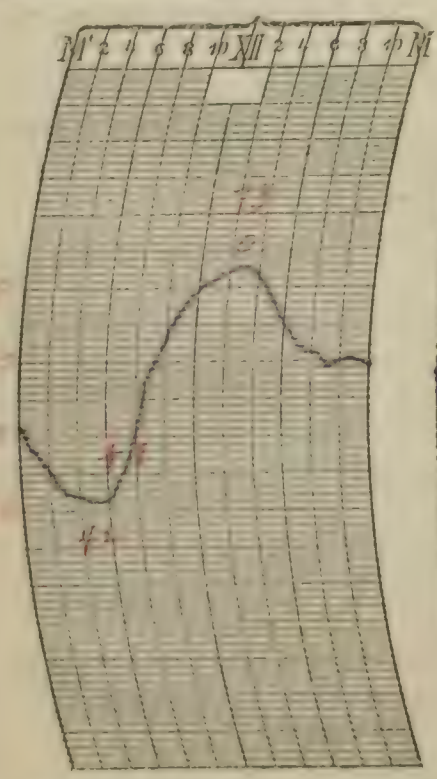
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

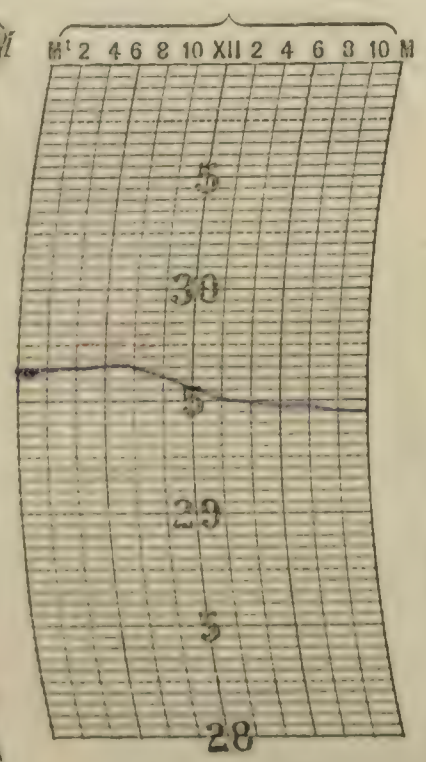
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

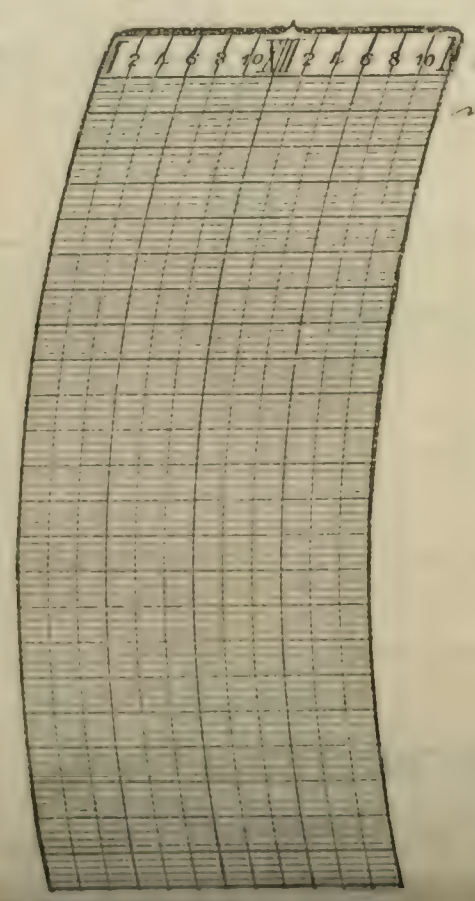
5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

NOTES.

Fog prevailed over the bottom lands this morning from 2:00 to 5:00 am







Prepared by

Verified by

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LaSalle Ill., (Day of week) Thursday, (Date) Oct 9 1913, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	57	55	55	55	55	56	57	57	59	63	65
		RBDHa					0	RE 7:45				
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	.01	.01	.04	.09	.02	.05	T	.01				
Cloudiness and other conditions					Cloudy						X	X
Sunrise: Time, Character,	5:55 Cloudy											
Sunshine (in tenths of hours)						0	0	0	0	0.2	0.8	0.7
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	9	7	8	4	5	6	8	10	11	9	14	15

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	65	66	67	67	63	61	58	56	55	55	55
				0								
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy			X	X			Clear				
Sunset: Time, Character,									5:35 Clear			
Sunshine (in tenths of hours)	0	0	0.1	1.0	0.9 0.1	.58 0						
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	13	11	10	8	5	3	4	2	2	3	3	2

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

	Maximum.	Minimum.	Mean.	Normal.
	67	52		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .22 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .23 inches.

Character of day, Partly Cloudy Moon phase, ☾ 2:48 pm

Average daily cloudiness (0-10) 6

Actual sunshine, hours, 4.4

Possible sunshine, hours, 11.7

Percentage of possible sunshine, 38

Prevailing direction Southwest

Total movement, 172

Average hourly velocity, 7.2

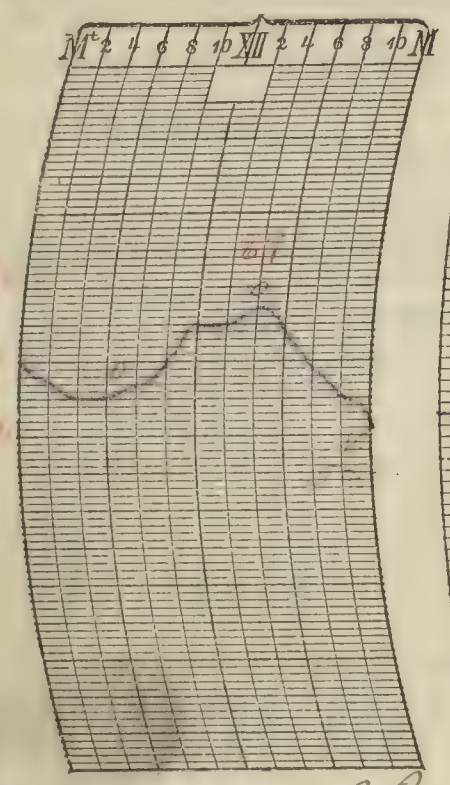
Maximum velocity,	Direction,	Time.
19	SW	10:47 am
Extreme vel., 20	SW	10:48 am

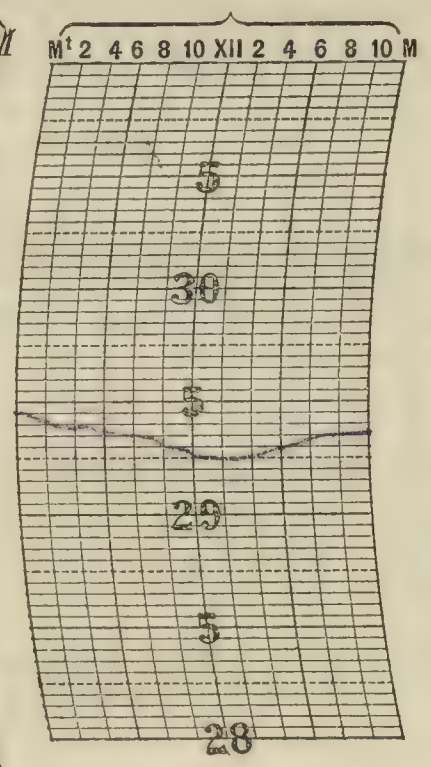
Relative humidity, 94 a. m. ____ p. m.

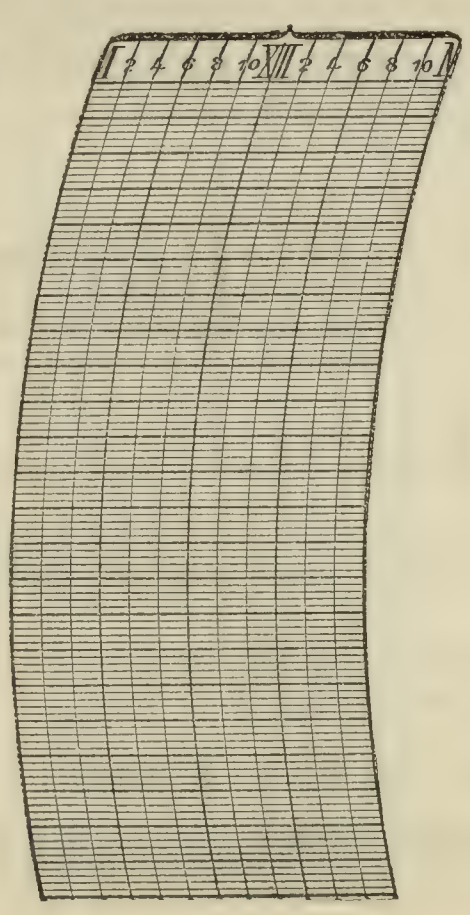
Reduced barometer, 29.90 a. m. ____ p. m.

River gage, 13.5, rising

NOTES.







Prepared by S. P. P.
Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) L. A. S. E. Ill., (Day of week) Friday, (Date) Oct. 4 1912, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	48	47	46	45	44 (+1)	45 (+1)	51	61	71	74	75	75	76 (-1)	75	75	72	66	63	60	[illegible]	[illegible]	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions			Dense fog					x Light fog			Clear													
Sunrise: Time, 5:56 Character, Foggy																					Sunset: Time, 5:34 Character, Clear			
Sunshine (in tenths of hours)						0	x 0.6	x 1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4 0.6	.57 0						
Wind direction	W	W	W	W	O	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S
Wind movement	2	2	2	2	0	1	1	1	2	3	5	6	8	9	8	7	4	2	1	2	2	2	2	3
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
76	44	[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 0

Actual sunshine, hours, 11.2

Possible sunshine, hours, 11.6

Percentage of possible sunshine, 97

Prevailing direction Southwest

Total movement, 77

Average hourly velocity, 3.2

Maximum velocity,	Direction,	Time.
11	SW	12:38 pm
11	SW	12:38 pm

Relative humidity, 98 a. m. p. m.

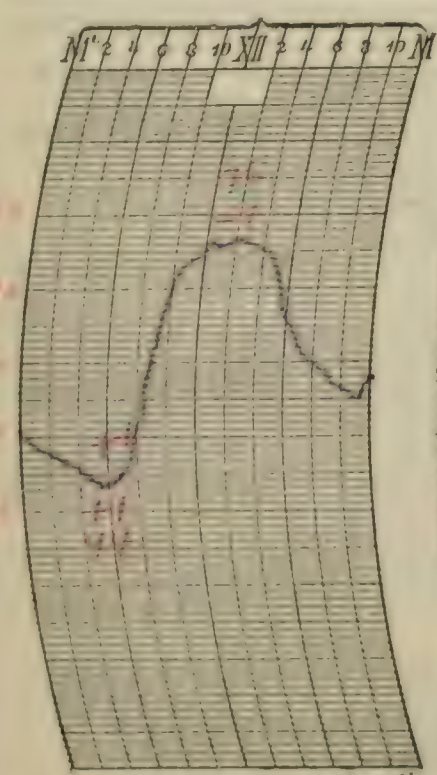
Reduced barometer, 30.02 a. m. p. m.

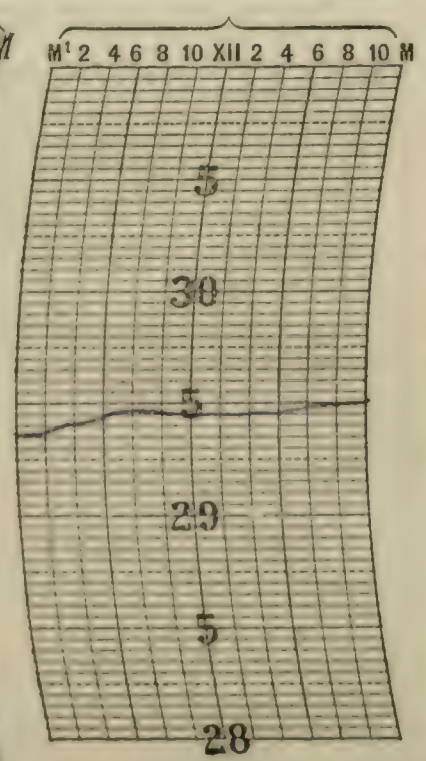
River gage, 12.5, one stand

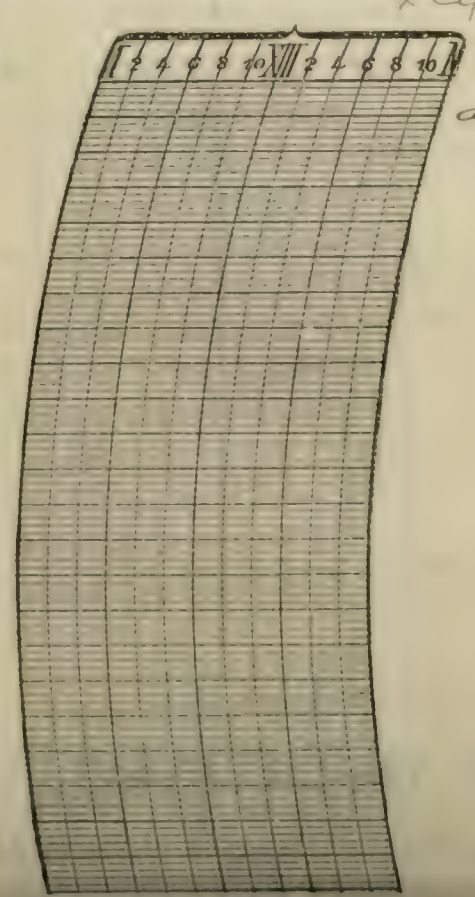
x Eye observation.

NOTES.

Dense fog formed DKa, because light at 7:20 am and disappeared at 8.







Prepared by S. P. P.
Verified by S. P. P.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) OCT. 5 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	56	55	54	54	53	52	53 (+1)	63	70	76	80	83
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		Moon visible					Clear					
Sunrise: Time, Character		5:57 Clear										
Sunshine (in tenths of hours)						.05 0	1.0 0	0.2 0.8	1.0	1.0	1.0	1.0
Wind direction	SE	SE	SE	SE	SE	S	S	SE	SE	SE	S	S
Wind movement	3	2	3	3	1	1	2	1	3	3	6	5

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	83	85 (−1)	85	84	81	75	73	69	69	69	67	64
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, Character									5:32 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.4 0.6	.53 0						
Wind direction	S	S	S	S	S	S	S	S	S	SW	SW	SW
Wind movement	5	7	6	6	4	2	2	2	2	3	4	2

Maximum velocities (exceeding 25 miles) direction and time

Maximum	Minimum	Mean	Normal
85	52	[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10), 0

Actual sunshine, hours, 11.6

Possible sunshine, hours, 11.6

Percentage of possible sunshine, 100

Prevailing direction South

Total movement, 78

Average hourly velocity, 3.2

Maximum velocity,	Direction,	Time.
9	SW	1:20 pm
Extreme vel., 9	SW	1:20 pm

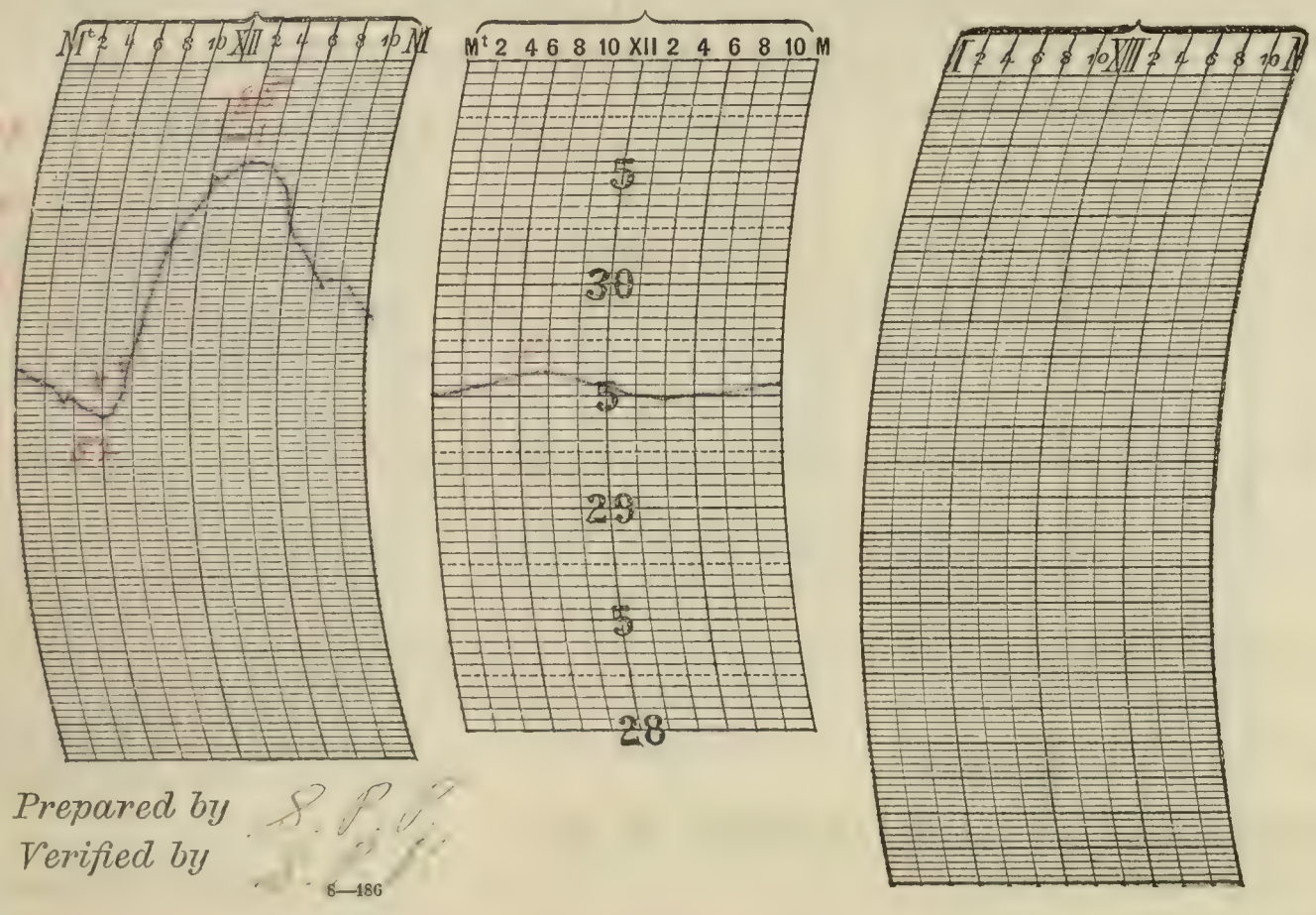
Relative humidity, 82 a. m. p. m.

Reduced barometer, 30.17 a. m. p. m.

River gage, 1.34, falling

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

NOTES.



Prepared by S. P. J.
Verified by [illegible]

6—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) [illegible], 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	63	63	62	63	62	62	62	68	74	78	80	82	84	85	85	84	81	77	77	77	[illegible]	62	56	[illegible]
							-1							-2										
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions			Moon visible								Clear													
Sunrise: Time, 5:58 Character, Clear																					Sunset: Time, 5:30 Character, Clear			
Sunshine (in tenths of hours)						.03 0	1.0 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4 0.6	.50 0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	NW	NW	NW	NW
Wind movement	1	3	5	5	9	10	8	6	8	12	13	17	16	18	18	18	12	8	7	10	14	15	15	11
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts.																			

Maximum.	Minimum.	Mean.	Normal.
85	52	70	70

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 0

Actual sunshine, hours, 11.5

Possible sunshine, hours, 11.5

Percentage of possible sunshine, 100

Prevailing direction Southwest

Total movement, 2.57

Average hourly velocity, 10.8

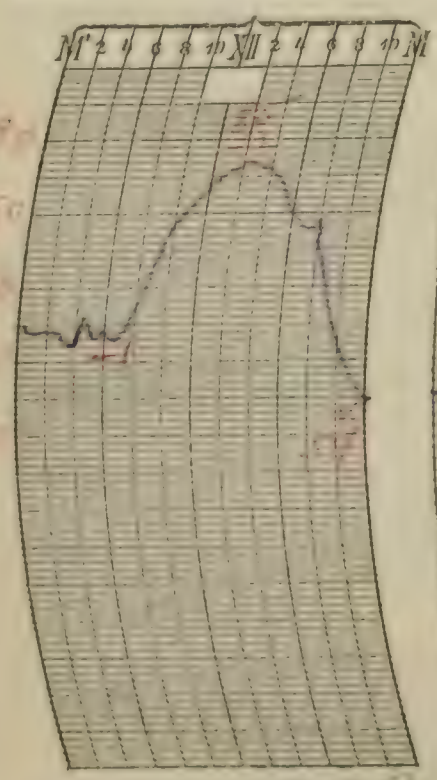
Maximum velocity,	Direction,	Time.
23	SW	1:32 p.m.
23	SW	1:32 p.m.

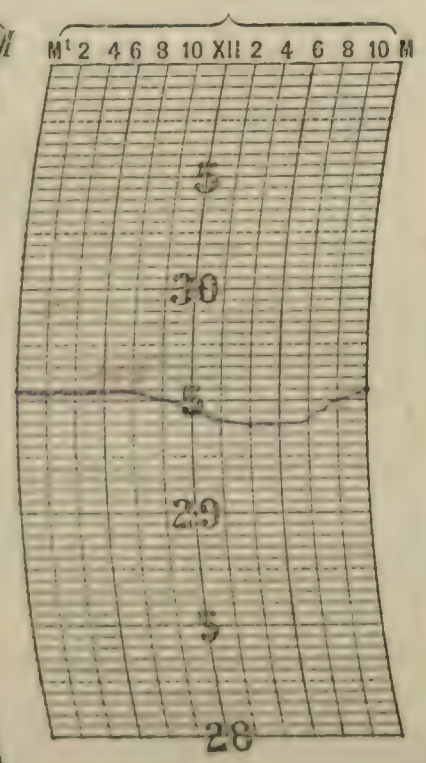
Relative humidity, 70 a. m. p. m.

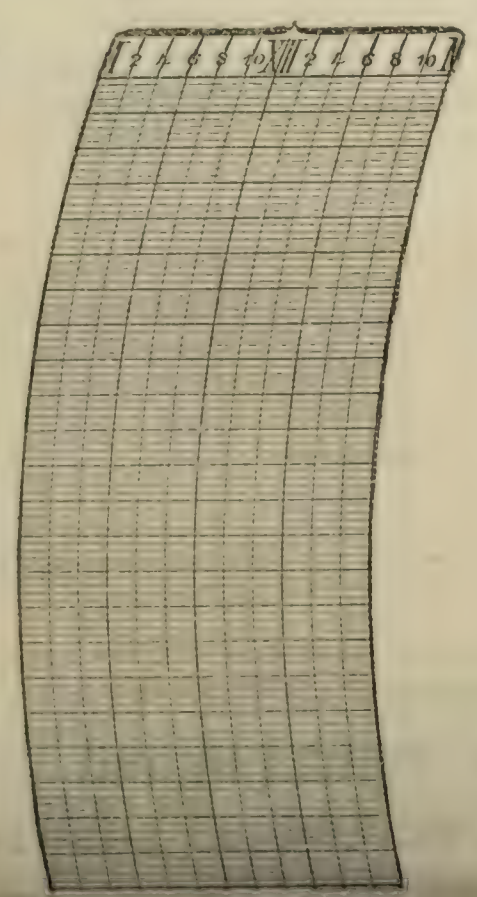
Reduced barometer, 30.1 a. m. p. m.

River gage, 13.3 falling

NOTES.







Prepared by [illegible]

Verified by [illegible]

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE ILL., (Day of week) Wednesday, (Date) OCT 7 1914, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	49	48	46	45	44	45	49	51	53	56	57
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation			Bloom									
Cloudiness and other conditions			visible		Clear				* Pt cdy *		Clear	
Sunshine (in tenths of hours)						0	0	0.8	0.6	0.8	1.0	1.0
Wind direction	NW	NW	NW	NW	NW	W	W	NW	NW	NW	NW	NW
Wind movement	11	9	6	4	6	3	5	7	9	8	8	8

Sunrise: Time, 5:59 Character, Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	60	60	60	58	55	52	50	48	46	[illegible]	[illegible]
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.6	0						
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	0	NW	0	NW
Wind movement	9	9	9	8	6	3	4	1	0	1	0	1

Sunset: Time, 5:29 Character, Clear

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
61	44	52	56

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 1

Actual sunshine, hours, 10.9

Possible sunshine, hours, 11.5

Percentage of possible sunshine, 95

Prevailing direction Northwest

Total movement, 135

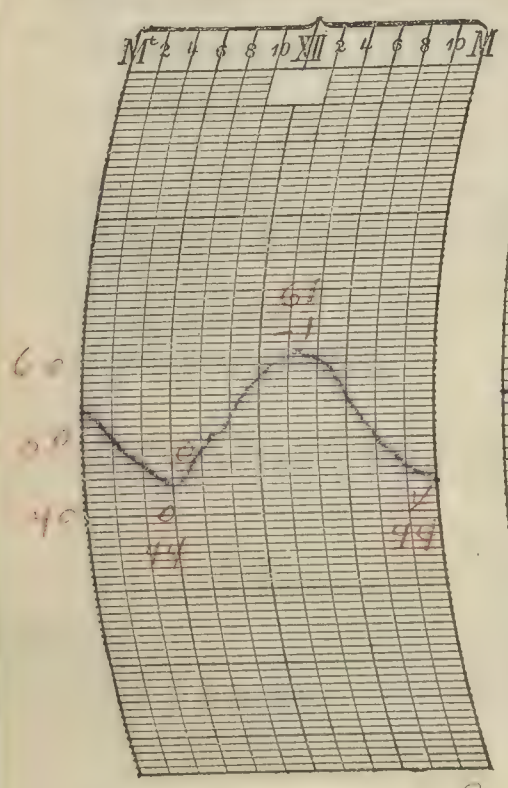
Average hourly velocity, 5.6

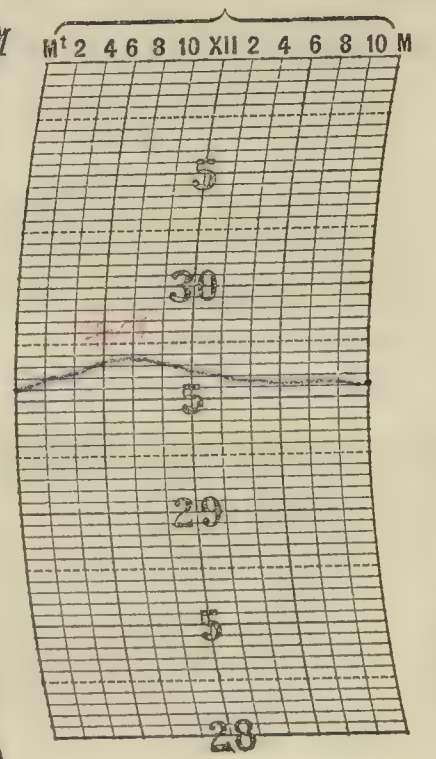
	Maximum velocity,	Direction,	Time.
Extremes	16	NW	12:44 am
Vel.	16	NW	12:44 am

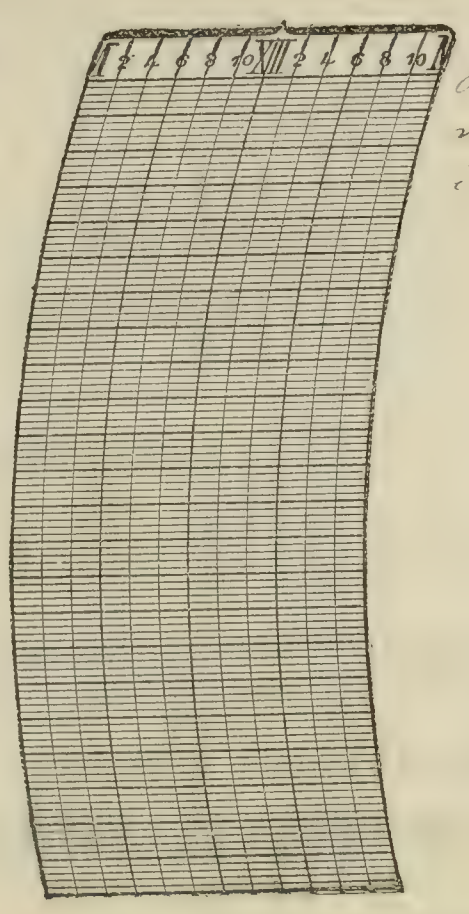
Relative humidity, 86 a. m. p. m.

Reduced barometer, 30.24 a. m. p. m.

River gage, 13.3, on stand.







NOTES.

Lt frost warning contained in forecast message received at 8:35 am. All interests notified.

Prepared by S. P. F.

Verified by S. P. F.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) OCT 9 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	46	46	45	45	45	47	49	[illegible]	[illegible]	53	54	56	56	54	54	52	51	[illegible]	[illegible]	50	50	50	50
State of weather: Nature of precipitation and time of beginning and ending										RB 9:12														
Amounts of precipitation										T	T	.01	T	T	.02	.05	.02	.05	.10	.05	.06	.05	.12	.06
Cloudiness and other conditions				Clear							Cloudy													
Sunrise: Time, Character, 6:00 Clear																					Sunset: Time, Character, 5:27 Cloudy			
Sunshine (in tenths of hours)							0	0.1					0	0	0	0	0	0						
Wind direction	W	W	W	W	W	E	E	E	E	E	E	SE	SE	E	NE	E	SE	SE	E	E	E	E	NE	NE
Wind movement	1	1	1	2	1	4	3	3	5	4	2	[illegible]	2	5	5	4	7	6	5	6	6	6	7	9
Maximum velocity (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
56	44	[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .25 ins.

Total precipitation, midnight to midnight, .57 inches.

Character of day, Cloudy. Moon phase.

Average daily cloudiness (0-10) 9

Actual sunshine, hours, 1.6

Possible sunshine, hours, 11.4

Percentage of possible sunshine, 14

Prevailing direction East

Total movement, 99

Average hourly velocity, 4.1

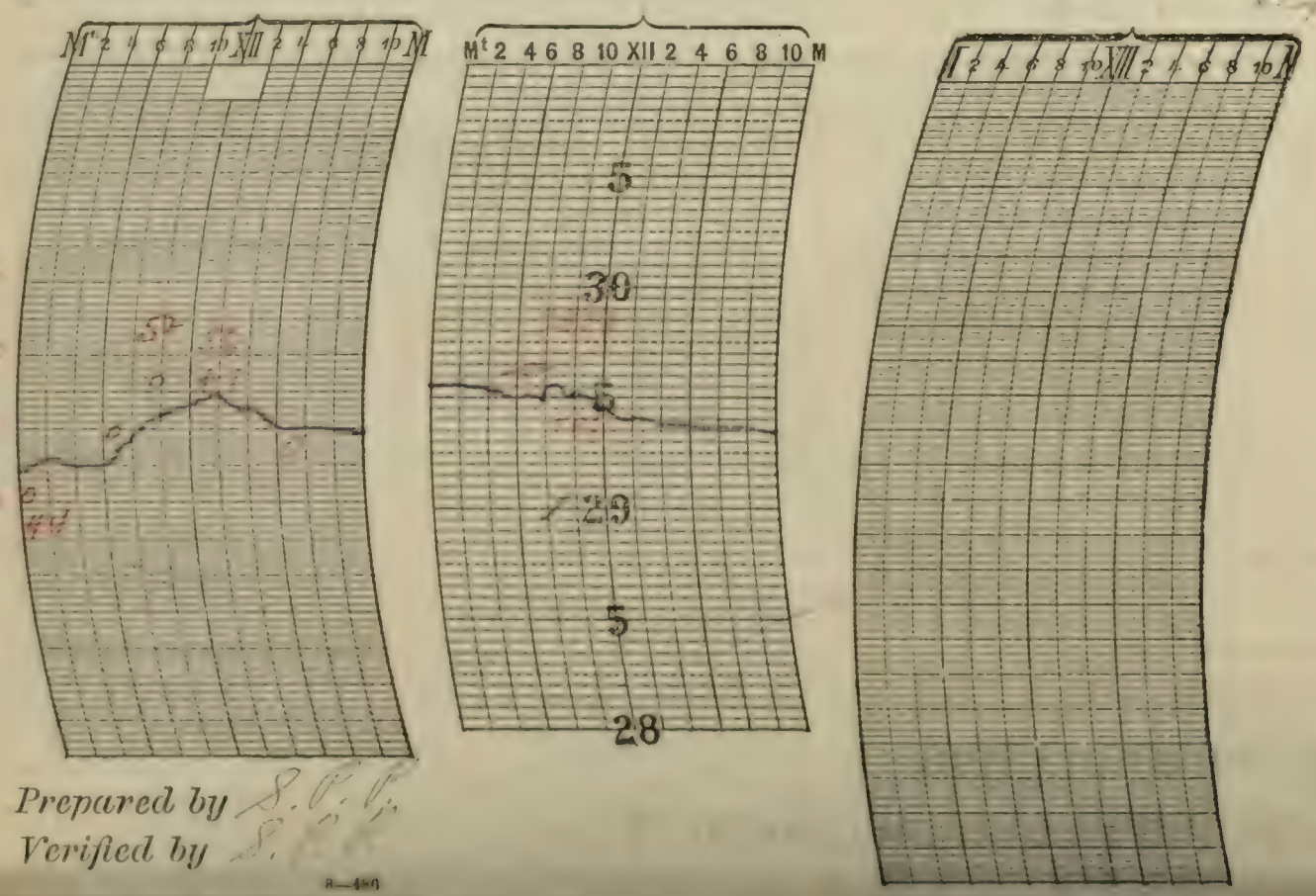
Maximum velocity,	Direction,	Time.
10	NE	11:35 p.m.
	10 - NE	11:35 p.m.

Relative humidity, 73 a. m. ..... p. m.

Reduced barometer, 30.07 a. m. ..... p. m.

River gage, 13.3 ft. above Zero

NOTES.



Prepared by S. C. V.

Verified by S.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL., (Day of week) Wednesday, (Date) OCT 4 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	50	50	51	52	56	56	58	65	70	73	73
State of weather: Nature of precipitation and time of beginning and ending									RE 8:16			
Amounts of precipitation			.02			.01	.07	.05				
Cloudiness and other conditions			Cloudy						Clear	Clear	Cldy	
Sunrise: Time, Character,	6:01 Cloudy											
Sunshine (in tenths of hours)							0	0	0.5	1.0	1.0	0.7
Wind direction	E	E	E	E	E	E	SE	SE	SW	SW	SW	SW
Wind movement	9	8	8	8	7	7	3	4	4	8	15	[illegible]

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	71	69	68	66	64	63	61	57	57		
State of weather: Nature of precipitation and time of beginning and ending										RB 9:18		
Amounts of precipitation										.03	.04	
Cloudiness and other conditions			Cloudy		Pt Cldy					Cloudy		
Sunset: Time, Character,										5:25 Cloudy		
Sunshine (in tenths of hours)	0	0.4	0.3	0	0.2	0						
Wind direction	SW	W	N	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	8	8	8	8	6	8	9	10	13	12	10	9

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
74	49	62	55

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .44 ins.; to 7 p. m., .07 ins.

Total precipitation, midnight to midnight, .24 inches.

Character of day, Pt Cldy 6 Moon phase,

Average daily cloudiness (0-10)

Actual sunshine, hours, 4.4

Possible sunshine, hours, 11.4

Percentage of possible sunshine, 39

Prevailing direction Northeast

Total movement, 202

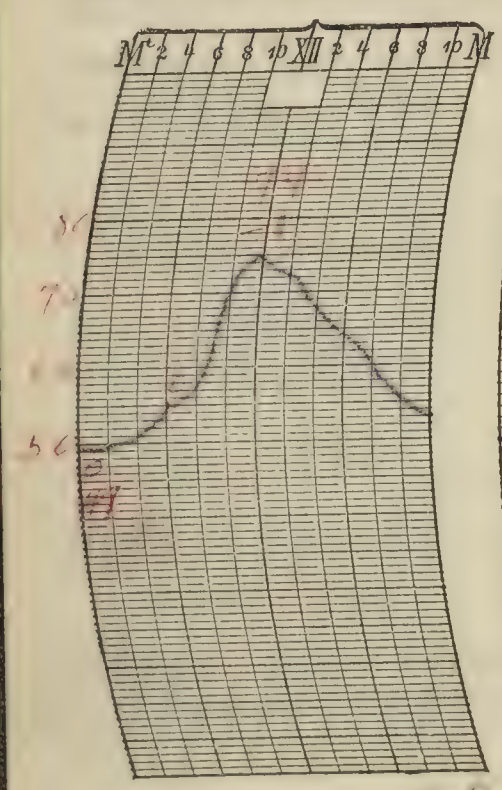
Average hourly velocity, 8.4

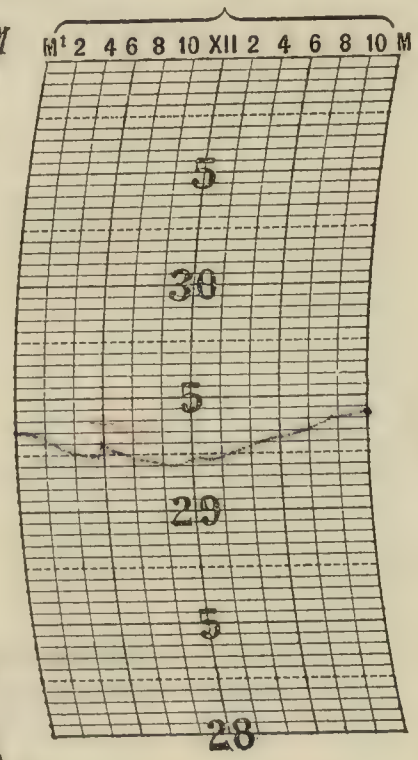
Maximum velocity,	Direction,	Time.
18	SW	11:03 am
	19-SW	10:36 am

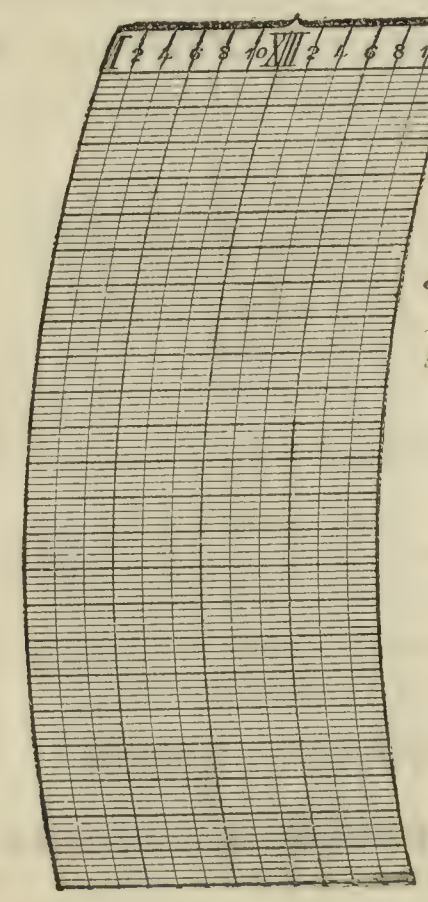
Relative humidity, 94 a. m. p. m.

Reduced barometer, 29.78 a. m. p. m.

River gage, 13.4 rising







NOTES.

Thunderstorm: First thunder heard DUa; last heard at 6:10 am. Storm came from N.W.

Thunderstorm: First thunder heard at 8:30 pm; last heard DUp. Storm came from N.W.

Prepared by S. V. P.

Verified by S. [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) OCT 2 0 1922, 191

Time (local standard), 90 mer. — 1 hours slower than 75th. meridian time.

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
	A. M.												P. M.											
Temperature at end of hour	+1 54	55	55	56	55	55	55	54	55	56	57	58	59	60	60	60	60	57	57	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending									RL 5:45													RB Dup		
Amounts of precipitation						T	T	T	T													.03	.11	
Cloudiness and other conditions											Cloudy													
	Sunrise: Time, 6:02 Character, Cloudy																				Sunset: Time, 5:24 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	N	NE	NE	NE	NE	SE	SE	NW	NW	NW	N	NE	NE	NE	E	NE
Wind movement	10	7	7	9	7	8	5	5	4	4	3	5	5	1	3	5	3	3	5	6	8	7	7	6
Maximum velocity (exceeding ..... miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
						Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
61	53	[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .07 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .14 inches.

Character of day, Cloudy Moon phase, [illegible]

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0

Possible sunshine, hours, 11.4

Percentage of possible sunshine, 0

Prevailing direction Northeast

Total movement, 133

Average hourly velocity, 5.5

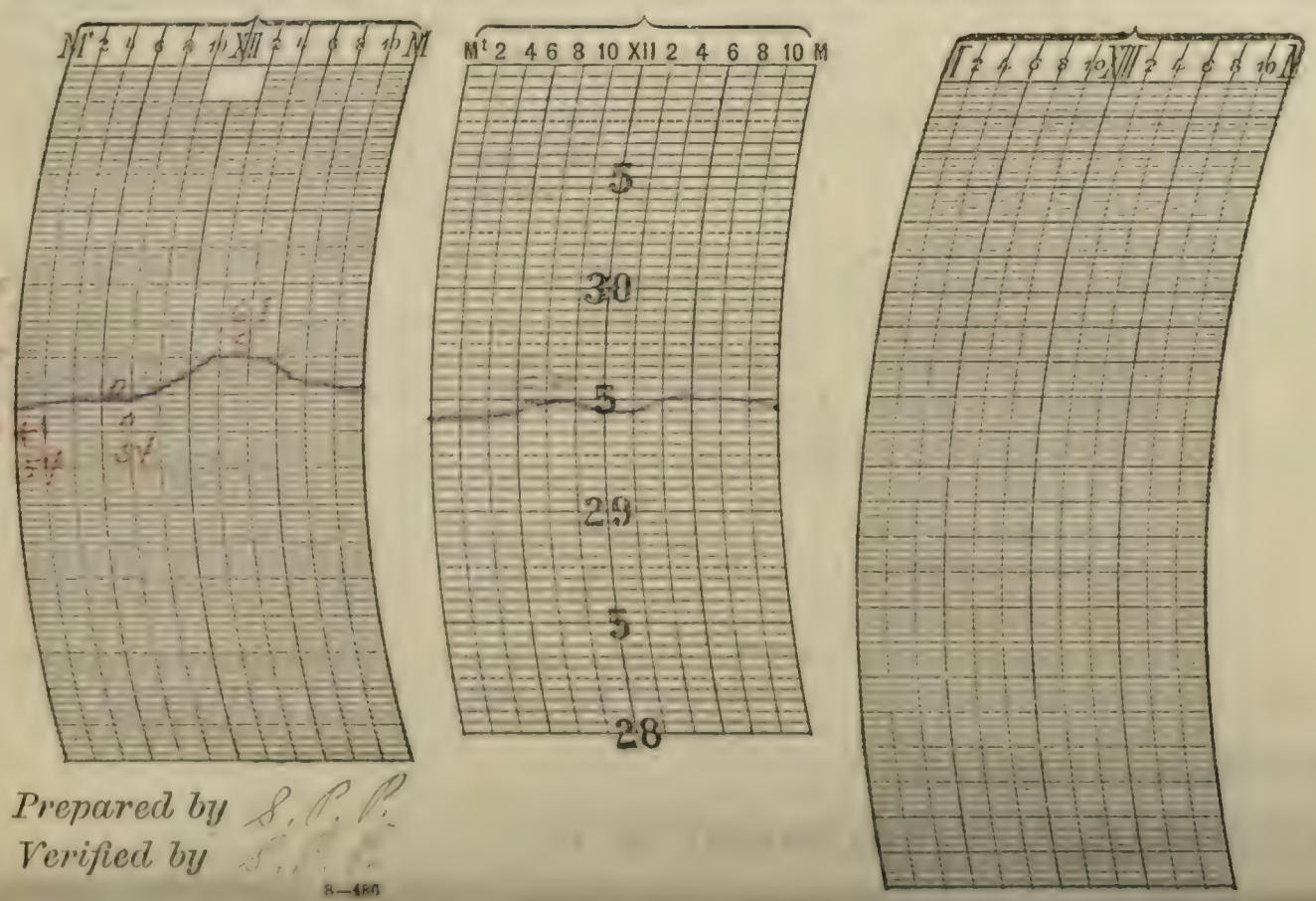
Maximum velocity,	Direction,	Time.
12	NE	12:10 am
	12: NE	12:10 am

Relative humidity, 94 a. m. ..... p. m.

Reduced barometer, 30.05 a. m. ..... p. m.

River gage, 13.4, 0.2 rise [illegible]

NOTES.



Prepared by S. P. P.

Verified by S. [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) [illegible], 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	56	56	55	55	54	55	56	56	58	59	60
			RE Dra						RB 8:06	RE 9:14	RB 10:40	
State of weather: Nature of precipitation and time of beginning and ending									T	T	.01	T
Amounts of precipitation		.10	.07									
Cloudiness and other conditions										Lt fog	Cloudy	
Sunrise: Time, Character,	6:03 Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	E	E	NE	NE	NE	NE	E	E	E	E	NE	NE
Wind movement	8	6	6	8	9	9	9	9	5	8	6	[illegible]
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	62	63	64	63	63	63	66	65	61	57	54
		RE 1:25		RB 3:35			RE 6:18	RB 7:25 RE 7:50				
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	.03	.01		T	.21	.78	.01	.06				
Cloudiness and other conditions									*	* Cloudy		
Sunset: Time, Character,										5:22 Cloudy		
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	NE	E	NE	NE	W	E	NW	SW	SW	SW	SW	SW
Wind movement	7	7	6	4	4	6	2	7	18	25	24	30
Maximum velocities (exceeding 25 miles) direction and time										7:34 SW 39	10:56 W 33	11:02 W 37

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
	3:35 p	6:18 p	1.00	5:42 p	5:57 p	.45	.24	.42	[illegible]											

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
67	54	60	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .31 ins.; to 7 p. m., 1.05 ins.

Total precipitation, midnight to midnight 1.28 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10)

Actual sunshine, hours, 0

Possible sunshine, hours, 11.3

Percentage of possible sunshine, 0

Prevailing direction Northeast

Total movement, 229

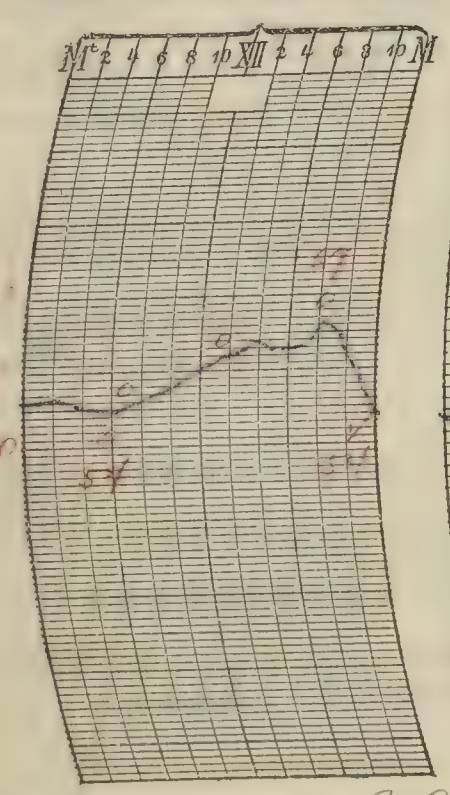
Average hourly velocity, 9.5

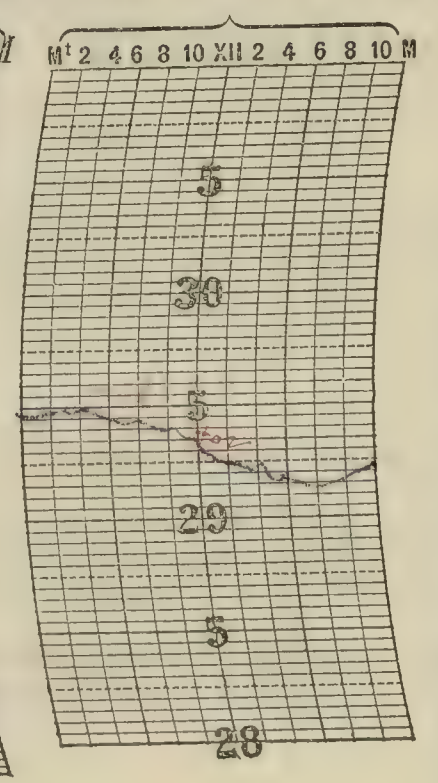
	Maximum velocity,	Direction,	Time.
Extreme vel.,	39	SW	7:34 p.m.
	48	SW	9:33 p.m.

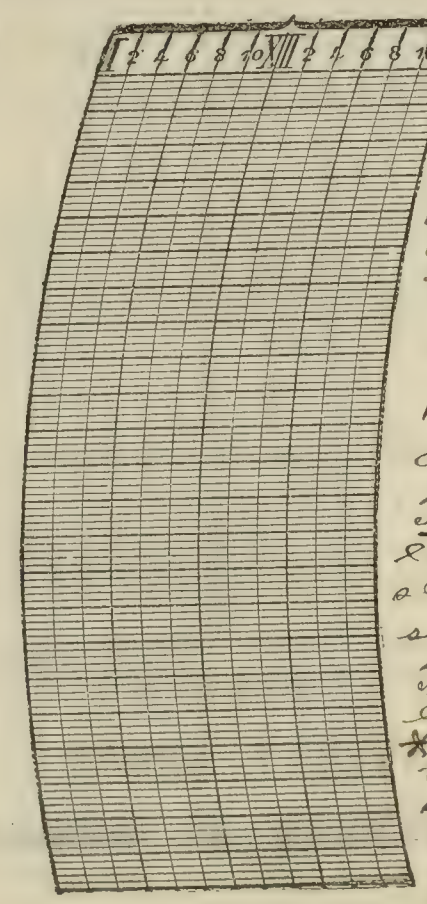
Relative humidity, 97 a. m. p. m.

Reduced barometer, 29.98 a. m. p. m.

River gage, 1.35







NOTES.

Thunderstorm: First and last thunders heard DRa. Storm came from N.

Lt fog formed at 9:00 am and ended at [illegible]

A special observation was taken at 1:40 pm and telegraphed to Washington on account of rapid fall in pressure.

Thunderstorm: First thunder heard at 3:22 pm last heard at 6:10 pm; storm came from S. This storm was quite severe and was attended by excessive precipitation as indicated in the above table.

Thunderstorm: First thunder heard at 7:20 pm; last heard at 7:45 pm; storm came from S.

* Sky changed from overcast to clear [illegible] suddenly about 8:10 pm. From this time until about 9:15 p the sky was cloudless and the stars shone brightly. About 9:15 pm, clouds appeared again, and by 9:20 pm the sky was [illegible]

Prepared by S. P. [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE ILL., (Day of week) Saturday, (Date) 12, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	51	51	49	49	48	47 (+1)	47	49	50	53	55	58	59	60 (0)	59	58	54	53	50	49	47		46
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions			Cloudy				X			Clear														
Sunrise: Time, 6:04 Character, Cloud					7																Sunset: Time, 5:21 Character, Clear			
Sunshine (in tenths of hours)							.10 0	0.1 0.3	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.7 0.3	.15 0						
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	24	24	20	20	14	15	15	15	13	12	12	11	12	13	13	10	10	5	4	3	3	3	2	2
Maximum velocity (exceeding 25 miles) direction and time	28 W 28	28 W 28	25 W 25	25 W 25																				

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
60	46	53	34

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .06 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 1

Actual sunshine, hours, 9.4

Possible sunshine, hours, 11.3

Percentage of possible sunshine, 83

Prevailing direction West

Total movement, 275

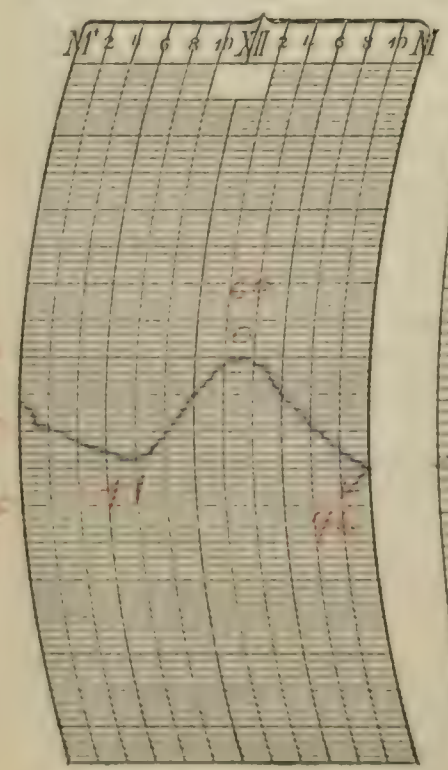
Average hourly velocity, 11.5

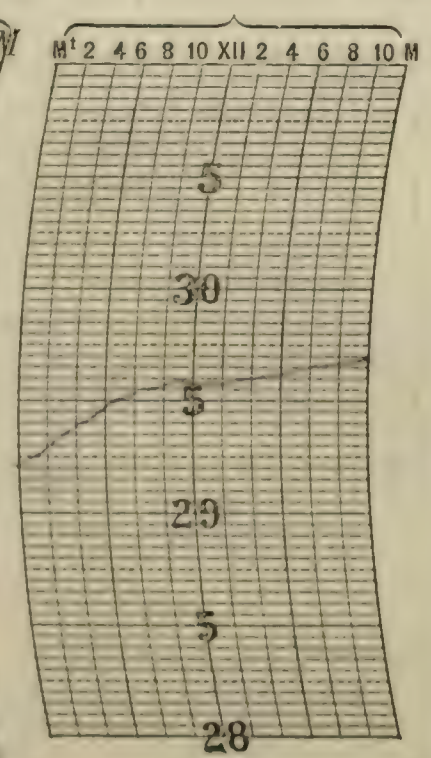
Maximum velocity,	Direction,	Time,
28	W	1:16 a.m.
	32 - W	12 5 a.m.

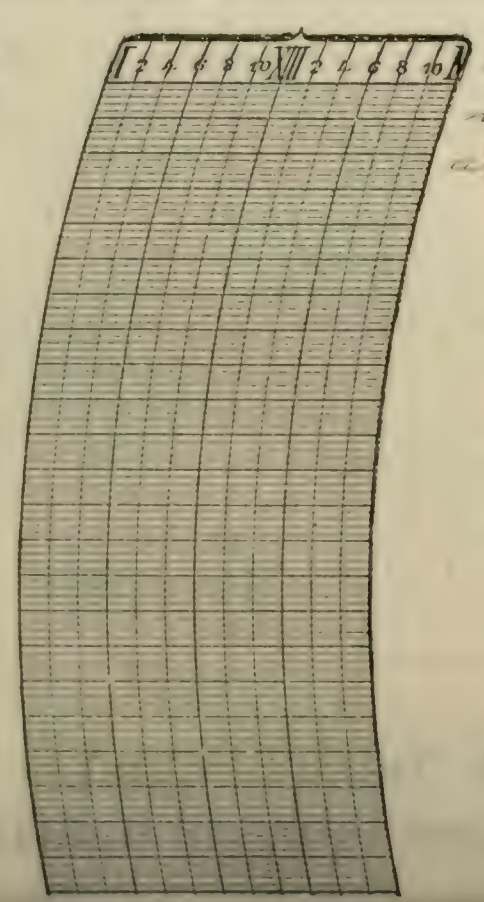
Relative humidity, 66 a. m. p. m.

Reduced barometer, 30.56 a. m. p. m.

River gage, 13.2 rising







NOTES.

Warning of frost was contained in this morning's forecast message received at 8:00 a.m. All elements [illegible]

Prepared by S. P. P.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) Sunday, (Date) [illegible], 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	44	45	44	44	43	43 (+1 to)	47	51	56	60	61	61	62 (0)	62	60	58	54	51	50	47	44	44	
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions											Clear									Partly cloudy				
Sunshine (in tenths of hours)	Sunrise: Time, 6:06; Character, Clear						.90 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7 0.3	.32 0			Sunset: Time, 5:19; Character, Clear			
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	2	3	4	6	4	3	4	5	7	6	7	10	12	13	13	11	7	5	3	2	2	2	2	1
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
63	42	52	54

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) four

Actual sunshine, hours, 11.2

Possible sunshine, hours, 11.2

Percentage of possible sunshine, 100

Prevailing direction West

Total movement, 134

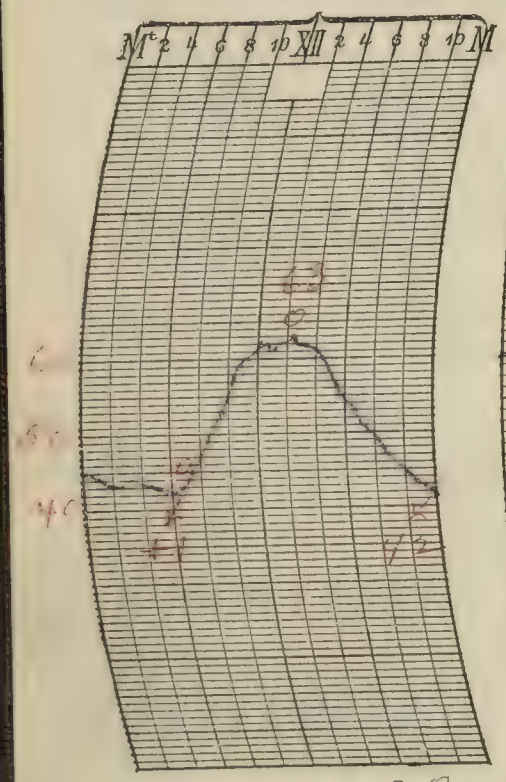
Average hourly velocity, 5.6

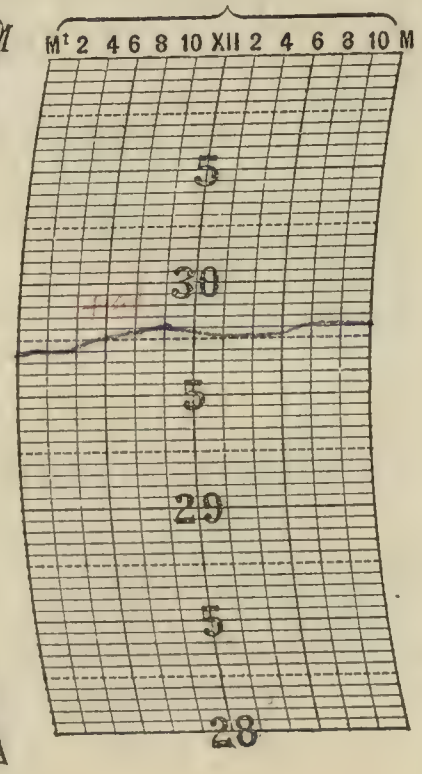
Maximum velocity,	Direction,	Time.
17	W	2:04 pm
18	W	2:02 pm

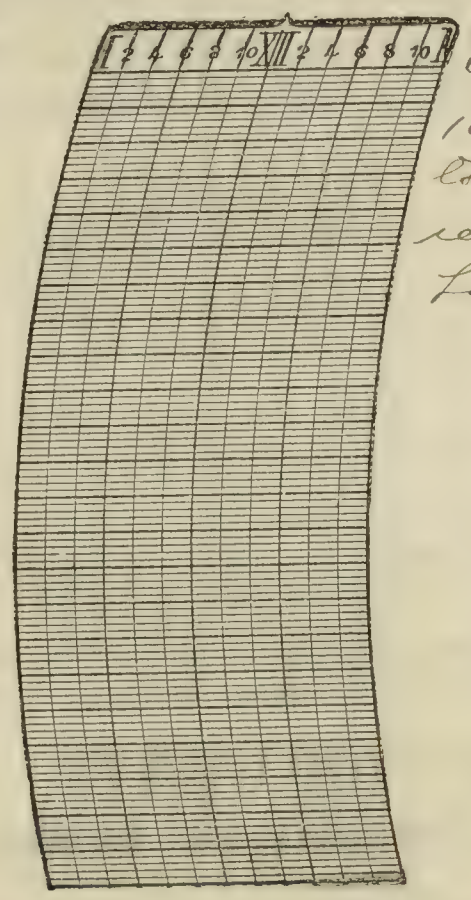
Relative humidity, 81 a. m. p. m.

Reduced barometer, 30.35 a. m. p. m.

River gage, 14.3 [illegible]







NOTES.

The following warning was received from Chicago at 10:20 am: "Probably light frost in lowlands tonight." All interests that could be reached by phone were notified. Light frost was observed this morning.

Prepared by S. P. P.
Verified by S. P. P.

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) OCT 14 1903, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	39	38	38	37	35	37	45	52	56	61	62	64	66	66	65	63	59	57	55	53	51		
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				Dense fog																				
Sunshine (in tenths of hours)							.38	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0						
Wind direction	O	W	W	W	W	W	W	W	SW	SW	SW	SW	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W
Wind movement	0	1	1	1	2	1	3	4	9	13	14	17	17	16	15	17	12	8	7	6	6	3	6	4

Sunrise: Time, 6:07; Character, Foggy

Sunset: Time, 5:17; Character, Clear

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	66	35	58	57

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear. Moon phase.

Average daily cloudiness (0-10), 1

Actual sunshine, hours, 10.7

Possible sunshine, hours, 11.2

Percentage of possible sunshine, 96

Prevailing direction Southwest

Total movement, 185

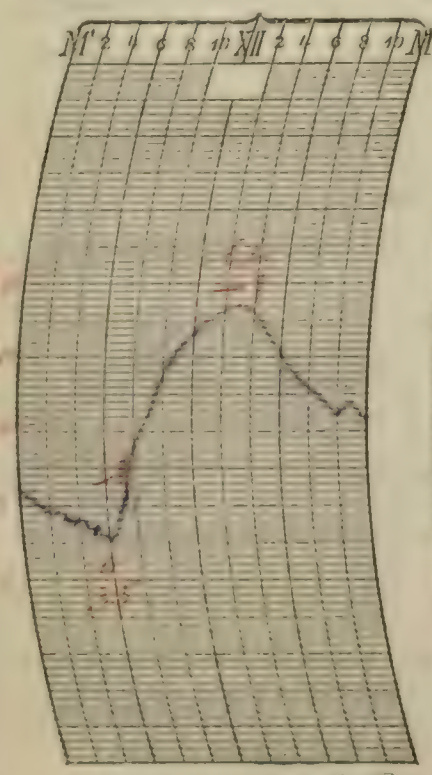
Average hourly velocity, 7.7

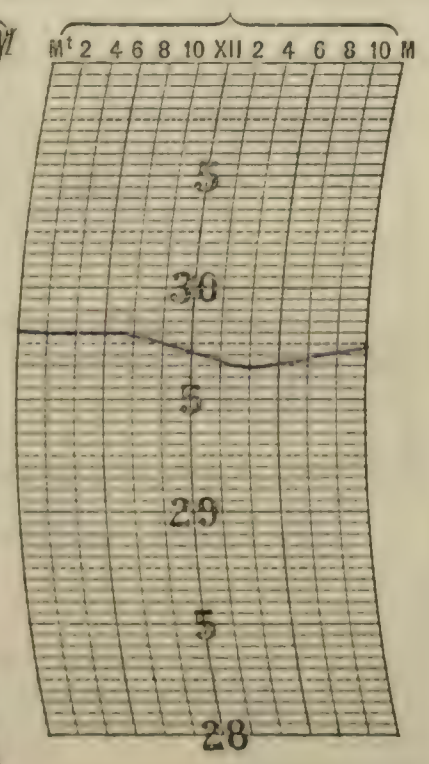
Maximum velocity,	Direction,	Time.
23	SW	11:06 a. m.
23	SW	11:06 a. m.

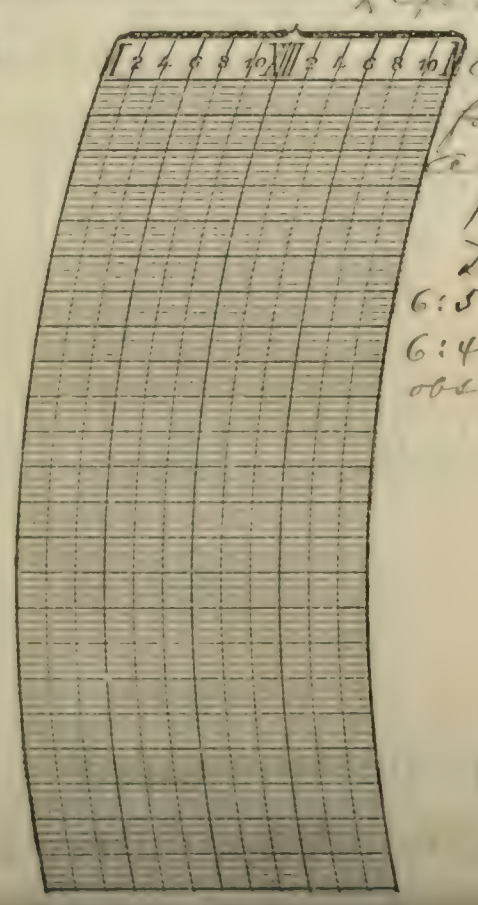
Relative humidity, 98 a. m. p. m.

Reduced barometer, 30.36 a. m. p. m.

River gage, 14.3 falling







NOTES.

A frost warning was issued in Lodge's forecast message received at 8:56 am. 100 interests was notified.

Heavy frost observed this morning. Dense fog formed 5 Ua, became light at 6:50 am, and disappeared at 7:30 am. At 6:40 am, objects at a distance of 100 feet were obscured.

Prepared by S. P. P.

Verified by S. W.

8—480

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE ILL, (Day of week) Tuesday, (Date) Oct 1 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	48	46	45	44	45	45	47	51	55	60	61	63	63	62	61	57	53	50	47	45	44	43	42
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				Clear																Moon visible				
Sunshine (in tenths of hours)	Sunrise: Time, 6:08 Character, Clear						.87 0	.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.01 .09	1.0 0	.27 0			Sunset: Time, 5:16 Character, Clear			
Wind direction	W	W	W	W	NW	N	NE	NE	NE	NE	NE	E	NE	NE	NE	NE	NE	NE	E	E	E	E	E	E
Wind movement	4	5	3	5	2	3	1	5	9	10	9	7	6	8	6	6	7	6	7	8	6	5	3	3
Maximum velocities (exceeding 25 miles) direction and time																								

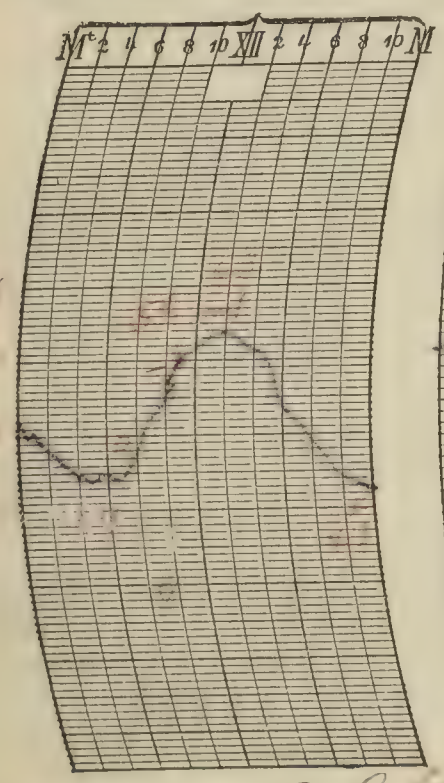
Maximum.	Minimum.	Mean.	Normal.
63	43		

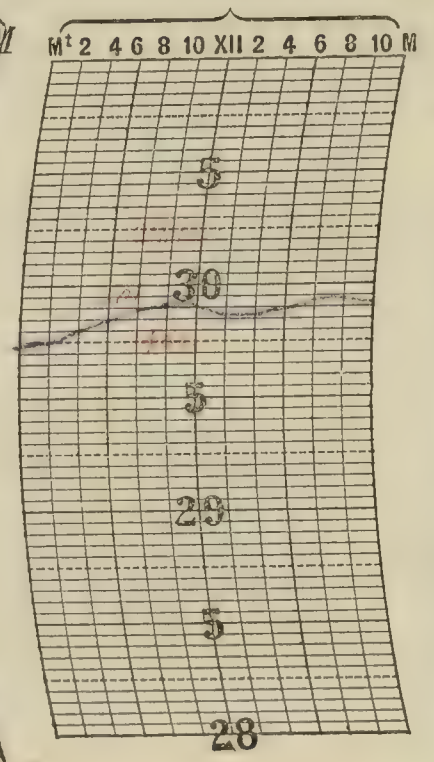
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 0
Actual sunshine, hours, 11.1
Possible sunshine, hours, 11.1
Percentage of possible sunshine, 100
Prevailing direction Northeast
Total movement, 134
Average hourly velocity, 5.6

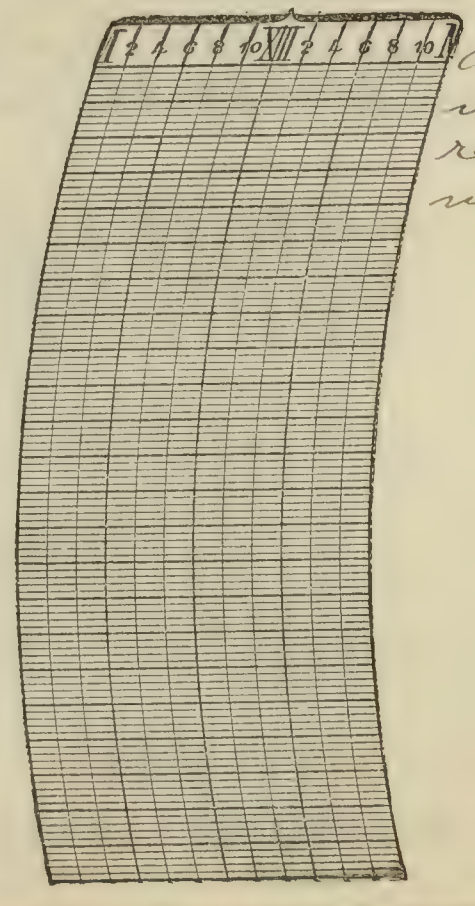
Maximum velocity,	Direction,	Time.
13	NE	9:01 am
Extreme vel	13 - NE	9:01 am

Relative humidity, 80 a. m. ____ p. m.
Reduced barometer, 30.44 a. m. ____ p. m.
River gage, 14.4, rising

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.







NOTES.

A warning of light frost was contained in this morning's forecast message, received at 8:50 a.m.; all interests notified.

Prepared by S. P. U.
Verified by S. P. U.

8—486

Form No. 1011—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) [illegible], Ill., (Day of week) Wednesday, (Date) [illegible], 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	40	39	38	37	34	34	41	51	58	63	64
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Dense fog								
Sunrise: Time, Character	6:09											
Sunshine (in tenths of hours)							0	0.5	1.0	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	S	SW	SW	SW
Wind movement	4	3	1	2	1	3	2	2	2	5	[illegible]	[illegible]

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	67	68	66	63	60	57	55	[illegible]	[illegible]		
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, Character									5:14			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	.9 0.1	.23 0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	10	9	7	7	5	2	4	5	4	4	4	6

Maximum velocities (exceeding 25 miles) direction and time:

Excessive precipitation, accumulated amounts:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	68	34	–	–

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, [illegible] Moon phase, [illegible]

Average daily cloudiness (0-10) 1

Actual sunshine, hours, 7.7

Possible sunshine, hours, 11.8

Percentage of possible sunshine, 57

Prevailing direction Southwest

Total movement, 110

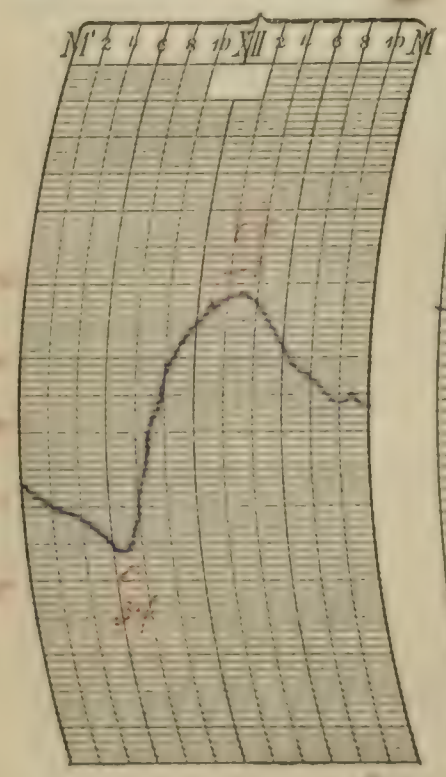
Average hourly velocity, 4.6

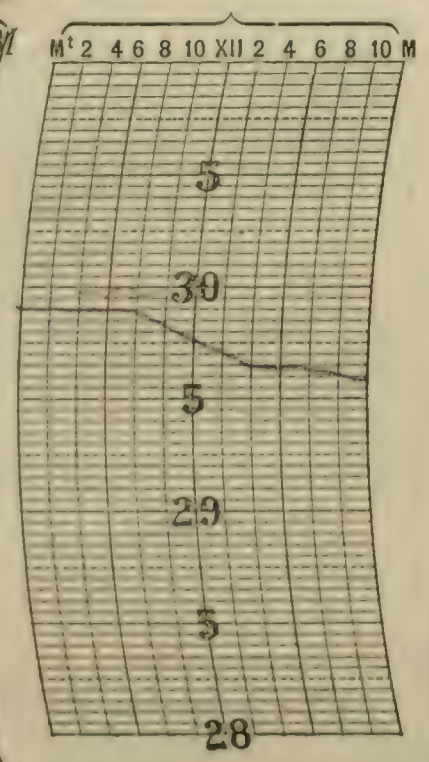
Maximum velocity,	Direction,	Time.
12	SW	[illegible]
	12 SW	[illegible]

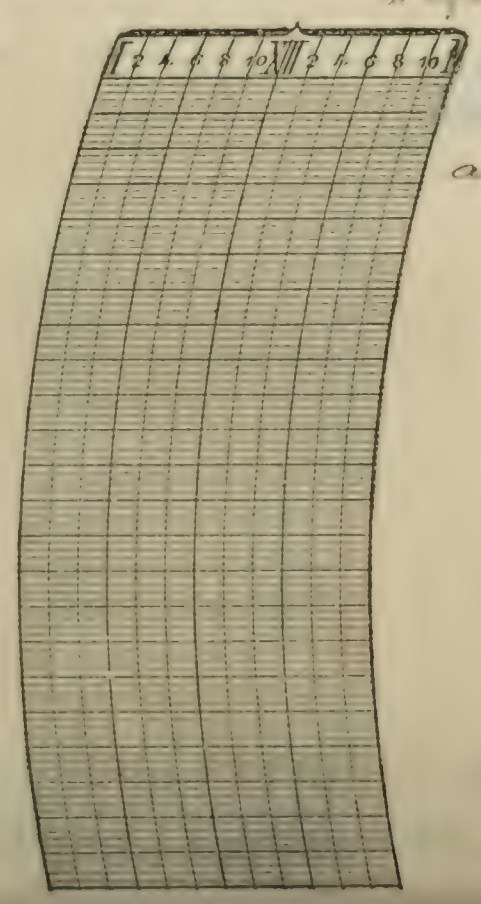
Relative humidity, 100 a. m. [illegible] p. m.

Reduced barometer, 30.47 a. m. [illegible] p. m.

River gage, [illegible]







NOTES.

Heavy frost was observed this morning. Dense fog formed 7 a.m., because light at 7:30 am and disappeared at 8:30 am.

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA [illegible] ILL., (Day of week) Thursday, (Date) [illegible], 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	51	49	48	48	49	49	55	62	66	69	70
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Cloudy					
Sunshine (in tenths of hours)							.83 0	0.4 0.6	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	S	S	SW	SW	SW	SW
Wind movement	8	7	5	5	3	3	5	3	6	9	14	15

Sunrise: Time, 6:10; Character, Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	71	70	69	66	63	61	59	58	58	58	57
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Moon visible					
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.8 0.2	.22 0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	16	18	16	14	10	10	7	8	9	9	7	6

Sunset: Time, 5:13; Character, Clear

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
71	47	59	52

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, ☽ 8:06 pm

Average daily cloudiness (0-10) Fair

Actual sunshine, hours, 11.0

Possible sunshine, hours, 11.0

Percentage of possible sunshine, 1.00

Prevailing direction Southwest

Total movement, 213

Average hourly velocity, 8.9

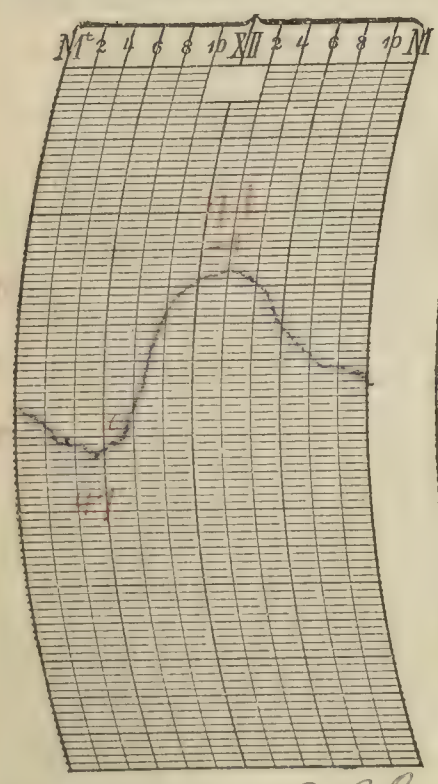
Maximum velocity,	Direction,	Time.
19	SW	1:29 pm
21	SW	2 [illegible]

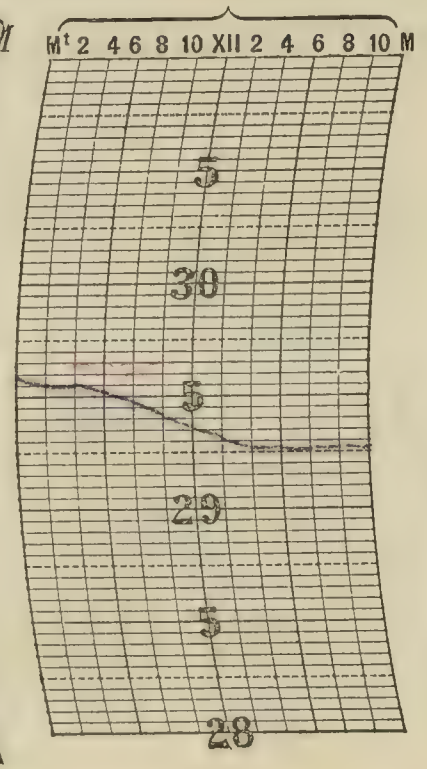
Relative humidity, ____ a. m. ____ p. m.

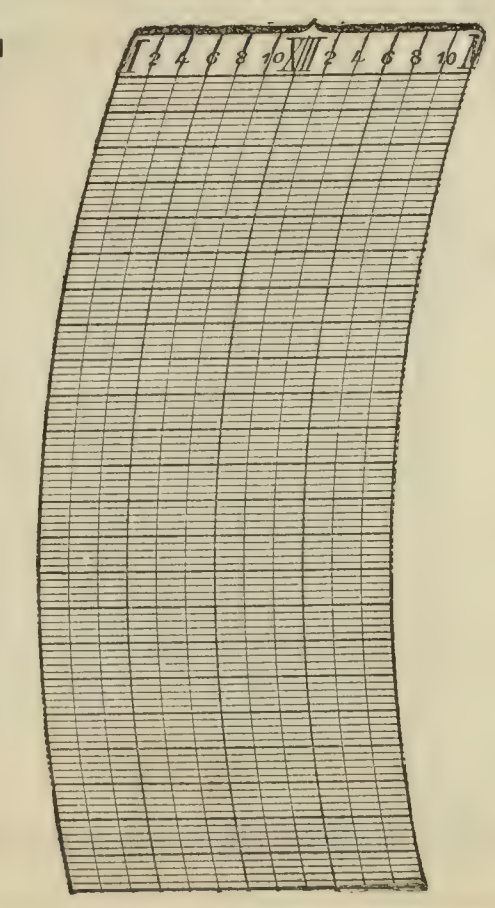
Reduced barometer, ____ a. m. ____ p. m.

River gage, [illegible]

NOTES.







Prepared by S. P. P.

Verified by S. [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) [illegible] 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	56	56	58	58	58	59	61	64	65	66	69	70	73	71	71	67	64	62	[illegible]	57	55	[illegible]	[illegible]
							0							-1										
State of weather: Nature of precipitation and time of beginning and ending		RB	RB	Ra			RE 6:30	RB 7:50		RE 9:15														
Amounts of precipitation						T	T	T	T	T														
Cloudiness and other conditions							Cloudy							Partly cloudy				Cloudy						
Sunshine (in tenths of hours)							0	0	0	0	0	0.4	0.8	0.4	0.7	0.4	0.5 0	0						
Wind direction	SW	SW	SW	SW	SW	S	S	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	NW	NW	W
Wind movement	3	5	5	9	6	7	6	7	7	13	[illegible]		16	14	14	11	13	13	8	9	14	16	12	8

Sunrise: Time, 6:11 Character, Cloudy

Sunset: Time, 5:11 Character, Cloudy

Maximum velocities (exceeding ..... miles) direction and time

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
73	49	61	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase, ...

Average daily cloudiness (0-10) 9

Actual sunshine, hours, 0.2

Possible sunshine, hours, 11.0

Percentage of possible sunshine, 2

Prevailing direction Southwest

Total movement, 247

Average hourly velocity, 10.3

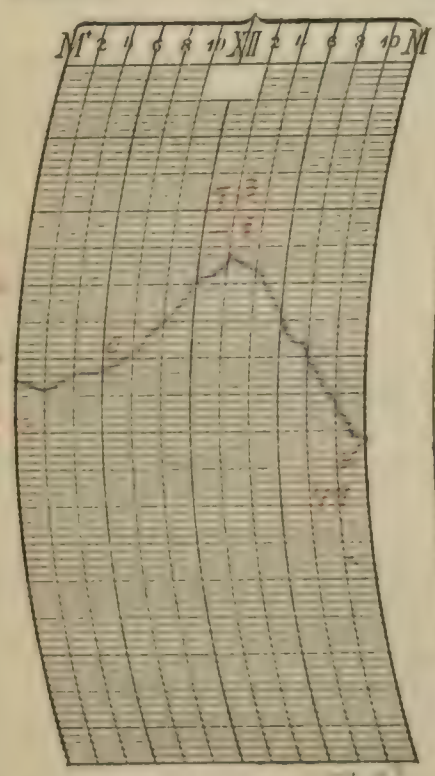
Maximum velocity,	Direction.	Time.
19	SW 30 — W	11:06 a.m. 5:23 p.m.

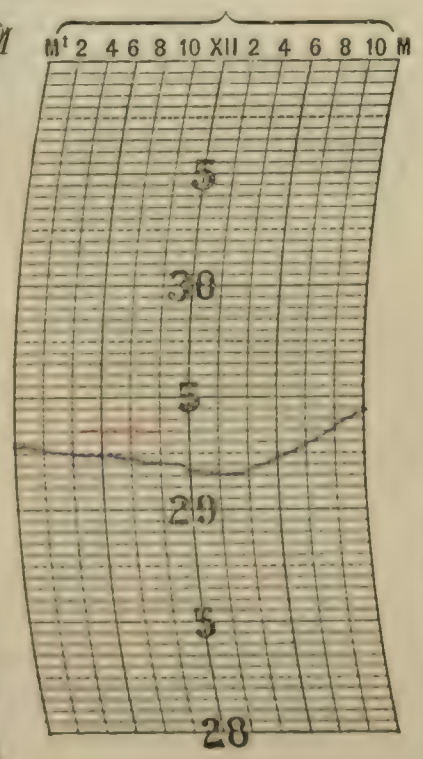
Relative humidity, [illegible] a. m. ..... p. m.

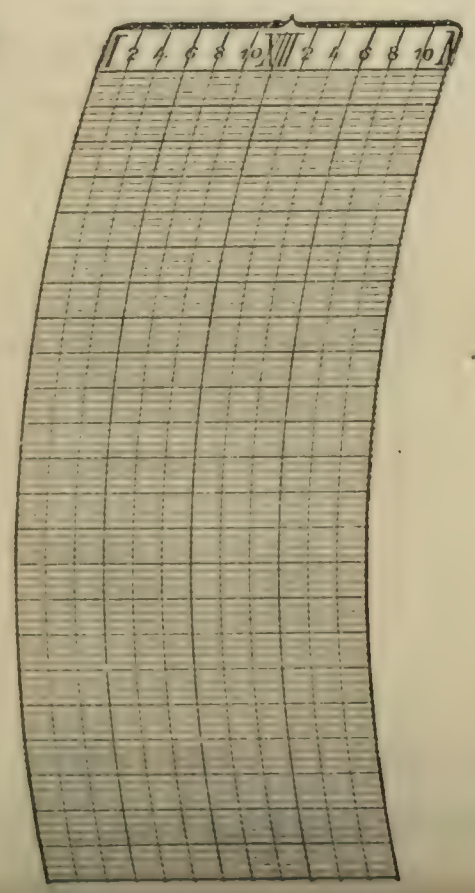
Reduced barometer, ... a. m. ..... p. m.

River gage, [illegible]

NOTES.







Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL, (Day of week) Saturday, (Date) [illegible], 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	47	46	45	44	43	43	43	46	49	51	53	54	55	56	57	56	53	51	46	45	42	42		
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear											Mostly	Cloudy				
Sunshine (in tenths of hours)	Sunrise: Time, 6:12 Character, Clear						.80 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1 0.0	.17 0			Sunset: Time, 5:10 Character, Clear			
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	10	10	9	8	7	8	9	13	12	11	12	2	12	11	9	7	5	1	1	2	1	3	2	3
Maximum velocities (exceeding 25 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum.	Minimum.	Mean.	Normal.
57	40	47	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, — inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, — inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 0

Actual sunshine, hours, 11.0

Possible sunshine, hours, 11.0

Percentage of possible sunshine, 100

Prevailing direction West

Total movement, 178

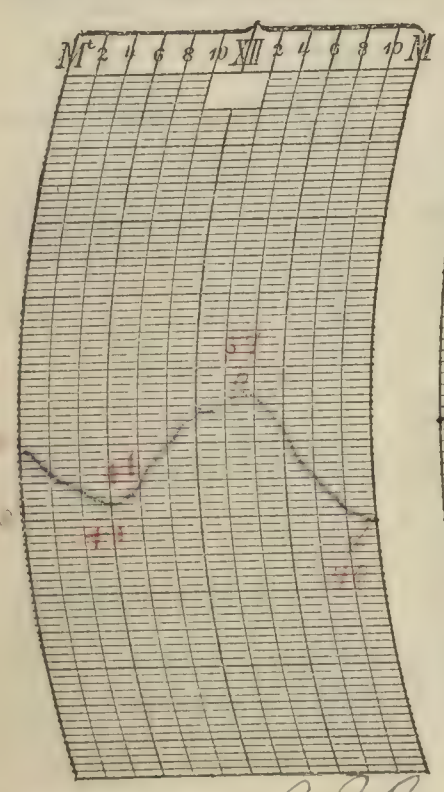
Average hourly velocity, 7.4

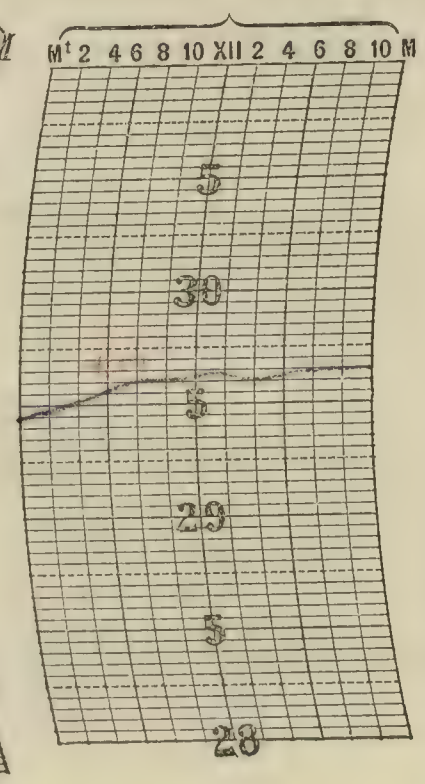
Maximum velocity,	Direction,	Time.
16	W	7:43 a.m.
16	W	7:43 a.m.

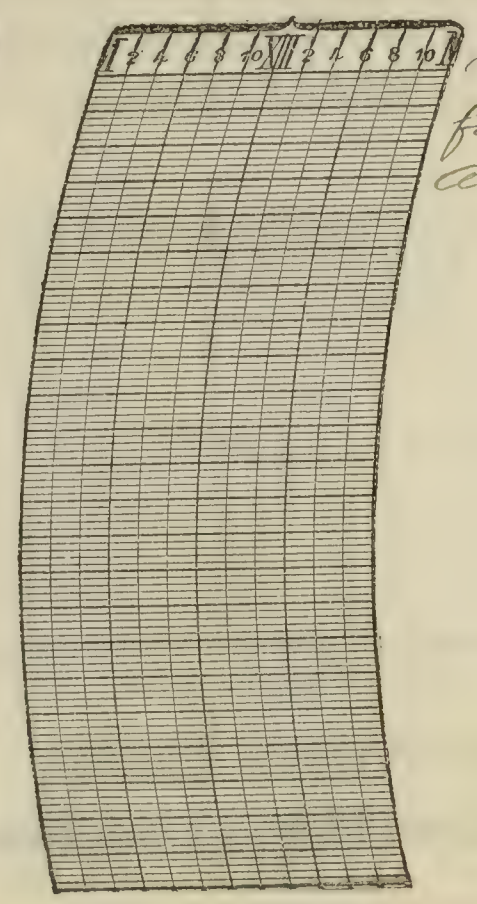
Relative humidity, 70 a. m. — p. m.

Reduced barometer, 30.14 a. m. — p. m.

River gage, 14.5, falling







NOTES.

Ice frost warning was contained in the forecast message received at 5:36 a.m. All interests were notified.

Prepared by S. P. P.

Verified by [illegible]

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) OCT 20 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	40	40	38 +1	40	42	42 +1	44	47	53	58	61	62	64 -1	64	63	61	57	54	52				
State of weather: Nature of precipitation and time of beginning and ending																								
Amount of precipitation																								
Cloudiness and other conditions				Cloudy			*	Pt Cldy											Moon visible	* Clear				
Sunrise: Time, 6:13 Character, Clear																					Sunset: Time, 5:08 Character, Clear			
Sunshine (in tenths of hours)							.58 0	x 1.0	x 1.0	x 1.0	1.0	1.0	1.0	1.0	x 1.0	x 1.0	x 1.0	.13 0						
Wind direction	NE	NE	NE	E	E	E	SE	SE	SE	SE	SE	S	S	S	S	S	SE	SE	E	E	SE	SE	SE	SE
Wind movement	3	3	3	4	5	7	4	6	6	8	13	12	11	11	11	9	4	5	7	8	9	5	4	2
Maximum velocities (exceeding 25 miles) direction and time																								

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
65	38		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day Pt Cldy 6 Moon phase,

Average daily cloudiness (0-10)

Actual sunshine, hours, 10.1

Possible sunshine, hours, 10.9

Percentage of possible sunshine, 9.8

Prevailing direction Southeast

Total movement, 100

Average hourly velocity, 6.7

	Maximum velocity,	Direction,	Time.
Extreme vel.	16	5	11:14 am
	18	SE	11:12 am

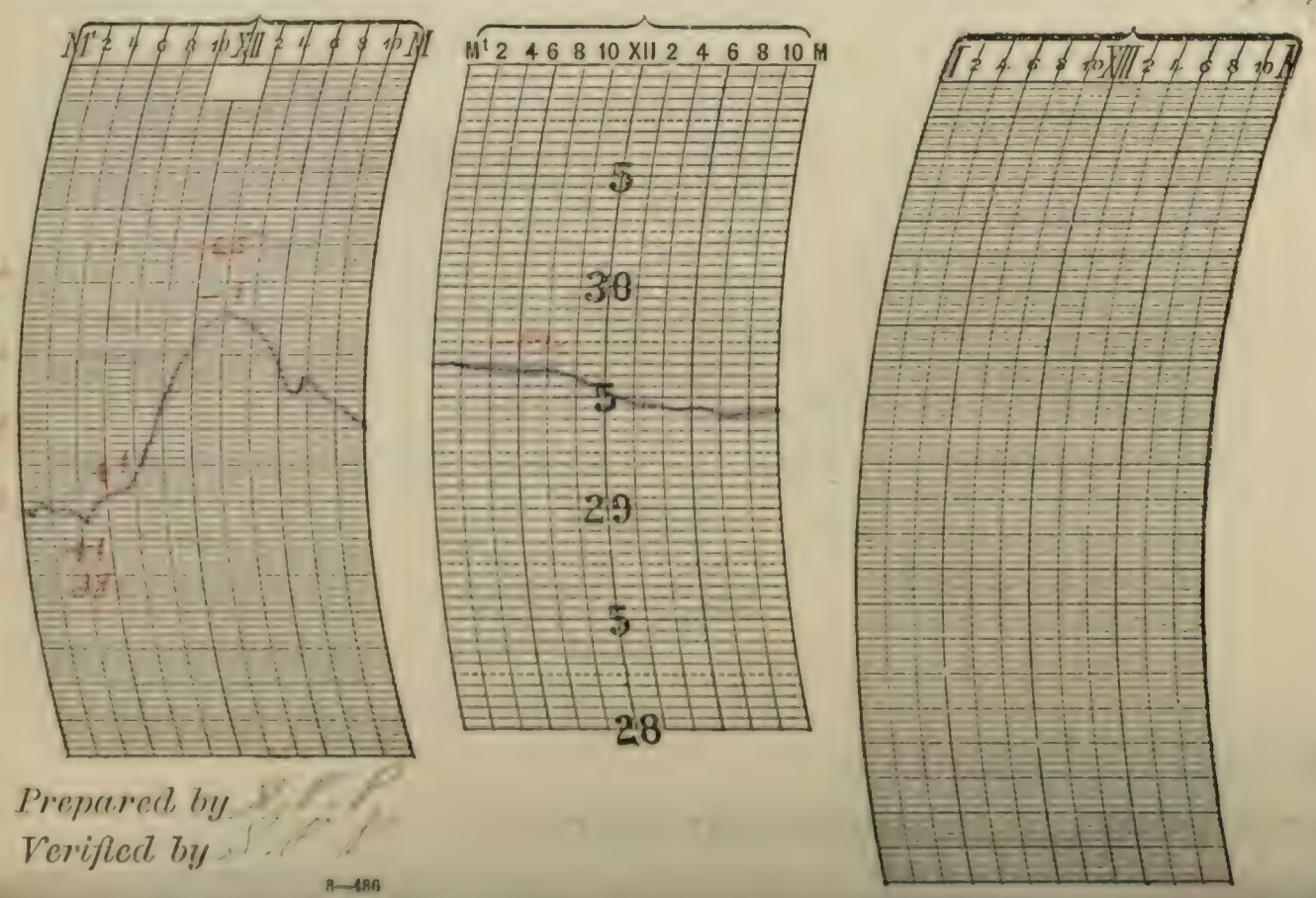
Relative humidity, 77 a. m. ..... p. m.

Reduced barometer, 30.18 a. m. ..... p. m.

River gage, 14.4, falling

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

NOTES.



Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE ILL., (Day of week) Monday, (Date) OCT 1 190, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	49	48	47	47	45	46	53	60	64	66	68
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					pt cldy				cloudy			
Sunrise: Time, Character, 6:14 Clear												
Sunshine (in tenths of hours)							.77 0	0.6 0.4	1.0	1.0	1.0	1.0
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	SW	SW	SW	SW
Wind movement	2	4	5	3	4	3	5	5	8	12	10	14
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	67	63	60	58	55	55	54	54			
State of weather: Nature of precipitation and time of beginning and ending				RB 3:09 RE 3:42	RB 4:45							
Amounts of precipitation				.07	T	.04	.06	.01	.07	.21	.28	.21
Cloudiness and other conditions												
Sunset: Time, Character, 5:07 Cloudy												
Sunshine (in tenths of hours)	0.6	0.5	0	0	0	0						
Wind direction	W	W	NW	E	E	W	NE	NE	NE	NW	NE	NE
Wind movement	10	6	5	7	5	8	6	5	3	5	9	6

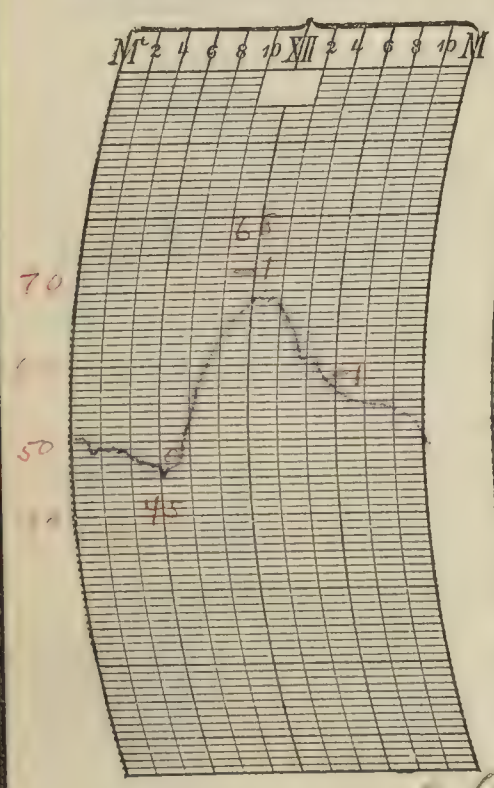
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

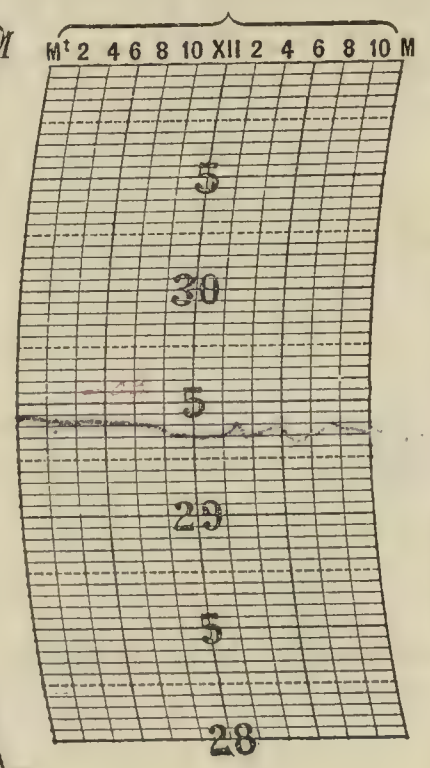
	Maximum.	Minimum.	Mean.	Normal.
	68	45		

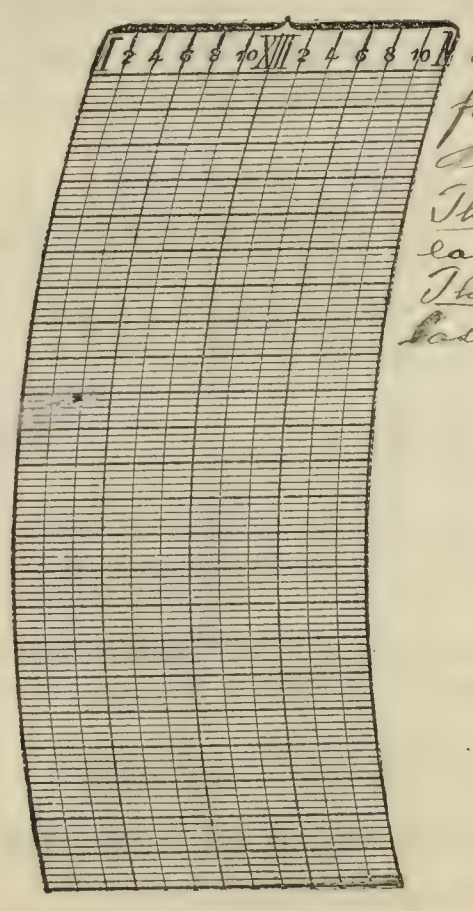
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .17 ins.
Total precipitation, midnight to midnight, .95 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 6
Actual sunshine, hours, 6.9
Possible sunshine, hours, 10.9
Percentage of possible sunshine, 63
Prevailing direction Southeast
Total movement, 148
Average hourly velocity, 6.2

	Maximum velocity,	Direction,	Time.
Extreme vel.,	16	SW	9:38 am
	16	SW	9:38 am

Relative humidity, 86 a. m. p. m.
Reduced barometer, 29.96 a. m. p. m.
River gage,







NOTES.

A frost warning was contained in the forecast message received at 8:33 am. No injurious effect noted.
Thunderstorm: First thunder heard at 2:53 pm; last heard at 3:25 pm. Storm came from S.W.
Thunderstorm: First thunder heard at 10:10 pm; last heard 10:40 p. Storm came from N.

Prepared by S. P. G.
Verified by S. [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) [illegible] 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	47	47	47	47	45	45	[illegible]	[illegible]	[illegible]	[illegible]	44	45
Nature of precipitation and time of beginning and ending								RE 7:45				
Amounts of precipitation	.14	.08	.03	.03	.07	.02	.03	T				
Cloudiness and other conditions								Cloudy				
Sunrise: Time, Character,	6:15 Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	N	NE	NW	NW	NW	W	NW	NW	NW	NW	NW	NW
Wind movement	11	5	6	12	13	10	10	11	12	13	15	13

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	46	46	46	45	45	44	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Nature of precipitation and time of beginning and ending				RB 3:35 RE 3:50								
Amounts of precipitation				T								
Cloudiness and other conditions									Clear	Clear		
Sunset: Time, Character,									5:06 Clear			
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	W	W	W	W	W	NW	W	W	W	W	W	W
Wind movement	16	15	14	11	11	9	5	6	6	6	7	7

Maximum velocity (exceeding 25 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	52	[illegible]	[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .16 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .17 inches.

Character of day, Cloudy Moon phase.

Average daily cloudiness (0–10) 10.0

Actual sunshine, hours, 0

Possible sunshine, hours, [illegible]

Percentage of possible sunshine, 0

Prevailing direction Northwest

Total movement, 244

Average hourly velocity, 10.2

	Maximum velocity,	Direction.	Time.
	[illegible]	[illegible]	[illegible]
Higher vel.,		19–NW	[illegible]

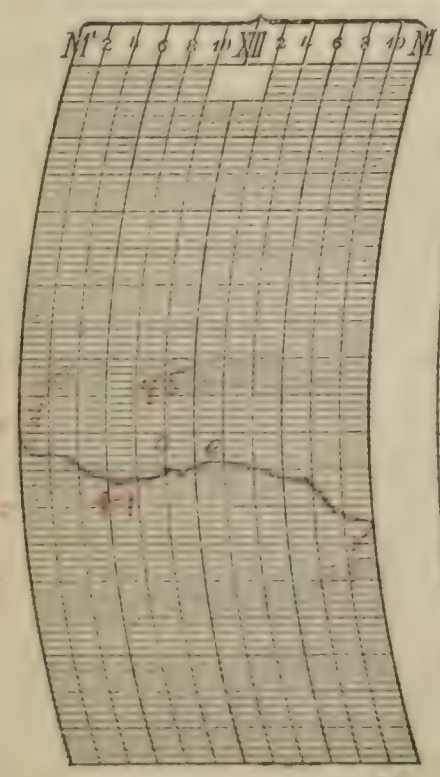
Relative humidity, 94 a. m. p. m.

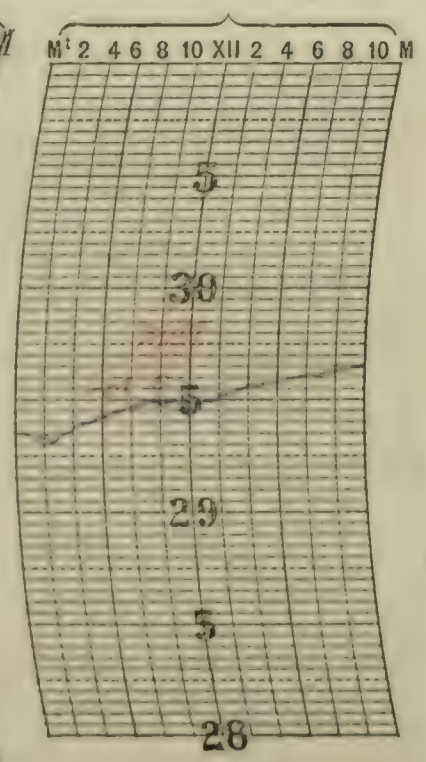
Reduced barometer, 29.99 a. m. p. m.

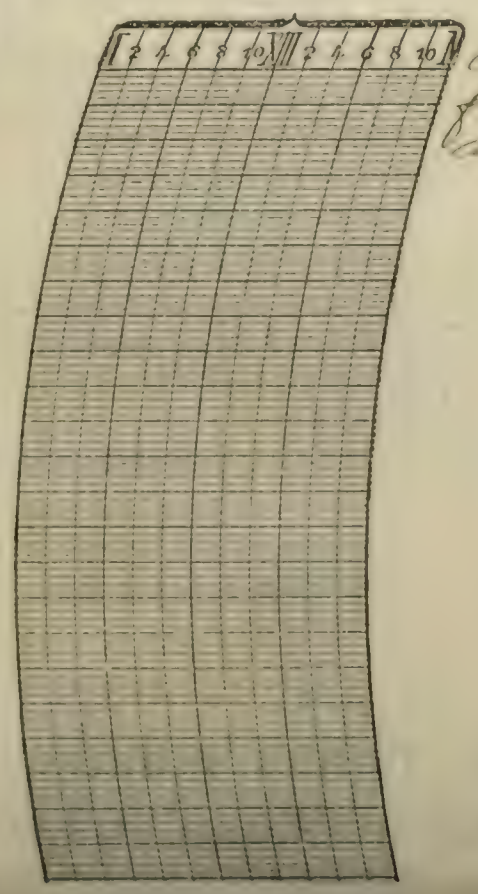
River gage, [illegible]

NOTES.

A frost warning was contained in the forecast message received at 7 a. m. All interests were notified.







Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE, ILL., (Day of week) Wednesday, (Date) 10-11-, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	36	35	34	33	32	31	31	34	38	40	44	45
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		moon visible									Clear	
Sunshine (in tenths of hours)							0.7	0.3 0.7	1.0	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	N	N	W	W
Wind movement	4	4	5	2	4	4	6	7	6	6	5	5

Sunrise: Time, 6:17 Character, Clear

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	48	48	49	49	47	45	41	39	37	35	33	33
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear							moon visible				
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.9 0.1	0.7 0						
Wind direction	W	N	NE	N	NE	NE	NE	NE	E	E	NE	NE
Wind movement	4	5	5	4	2	2	1	1	0	0	1	1

Sunset: Time, 5:04 Character, Clear

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
50	31	40	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) few

Actual sunshine, hours, 10.8

Possible sunshine, hours, 10.8

Percentage of possible sunshine, 100

Prevailing direction Northwest

Total movement, 84

Average hourly velocity, 3.5

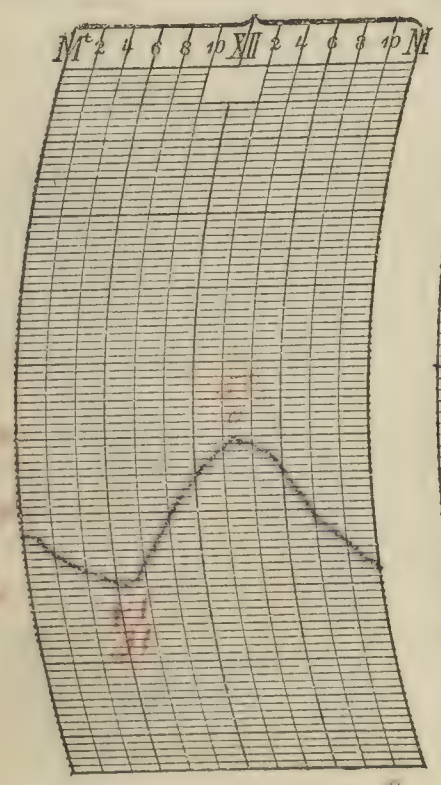
Maximum velocity,	Direction,	Time.
5	N	8:54 a.m.
	N	8:54 a.m.

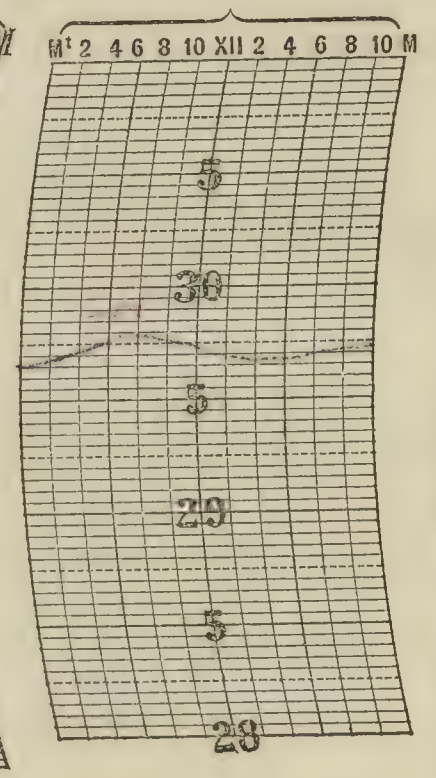
	a. m.	p. m.
Relative humidity,	91	
Reduced barometer,	30.35	

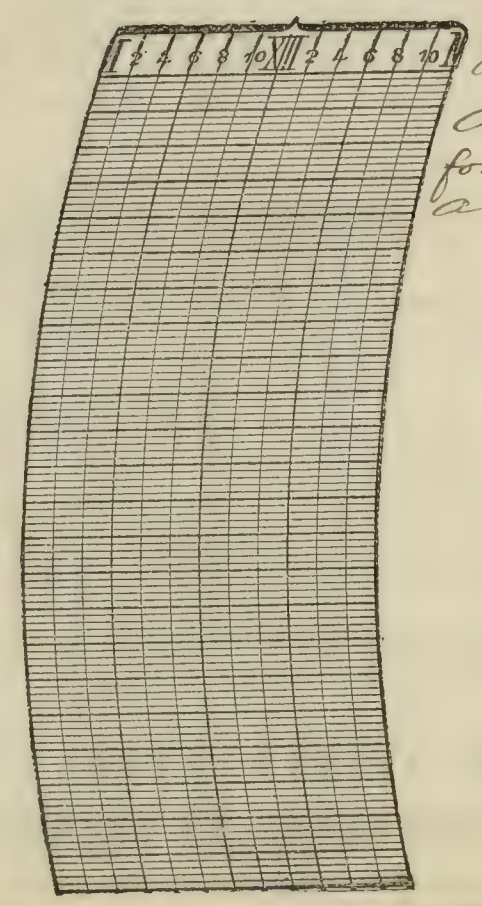
River gage, 14.8 rising

NOTES.

A killing frost was observed this morning. A frost warning was contained in the forecast message received at [illegible] a.m. All interests were notified.







Prepared by S. P. K.
Verified by S. P. K.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) OCT 2 - 1902, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	30	30	29	28	28	27	30	36	46	51	54	56	58	59	57	54	51	47	44	43	41	42	41
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				Dense fog																				
Sunshine (in tenths of hours)	Sunrise: Time, 6:18 Character, Foggy						0	0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0			Sunset: Time, 5:03 Character, Clear			
Wind direction	NE	NE	C	NE	O	NE	NE	NW	NW	SW	S	SW	SW	W	SW	W	W	W	C	W	O	W	O	W
Wind movement	1	1	0	1	0	2	1	1	1	3	5	6	6	5	6	3	2	1	0	1	0	1	0	2
Maximum velocities (exceeding 25 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	59	27		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Mean place.

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 9.0

Possible sunshine, hours, 10.5

Percentage of possible sunshine,

Prevailing direction West

Total movement, 49

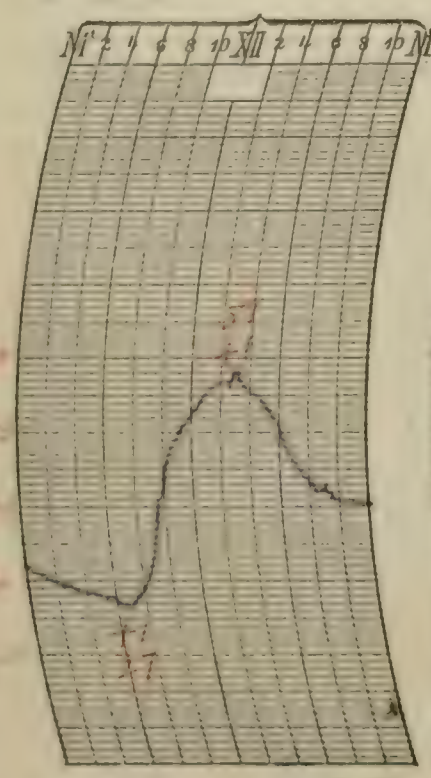
Average hourly velocity, 2.0

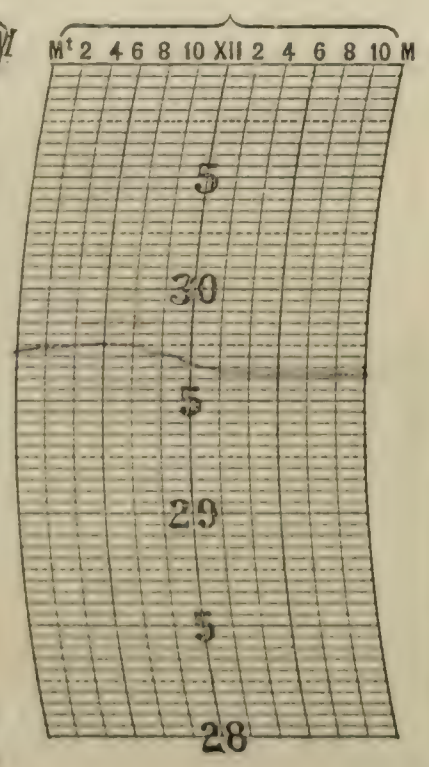
Maximum velocity,	Direction,	Time.
7	SW	7-8

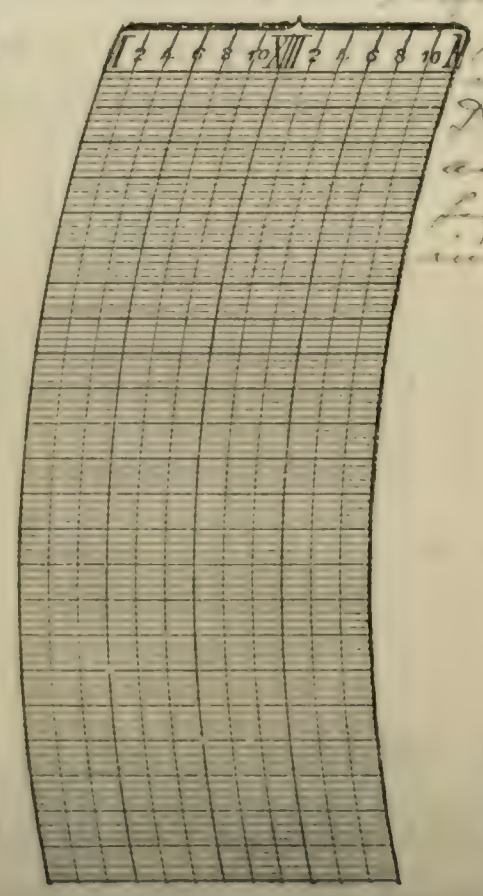
Relative humidity, 100 a. m. p. m.

Reduced barometer, 30.32 a. m. p. m.

River gage,







NOTES.

A heavy deposit of frost was observed this morning.

Dense fog formed 7 Ua, became light at 8:00 am and disappeared at 9:00 am. Light fog formed about 5:00 pm and continued into following day.

Prepared by S. H. U.

Verified by S. F.

8—456

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) [illegible], 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	41	42	43	42	41	42 +1	45	53	56	60	61
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	Hoar frost			Pt cldy				x				
Cloudiness and other conditions				St fog				x				
Sunrise: Time, Character,	6:19 Clear											
Sunshine (in tenths of hours)							.68 0	1.0 0	x 1.0	x 1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	W	NW	NW	NW
Wind movement	1	2	3	3	2	1	4	3	4	4	3	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	64 0	64	62	58	55	51	49	47	47	44	43
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								x	Pt cldy			
Sunset: Time, Character,									5:01 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.4 0.6	1.0 0	.02 0						
Wind direction	NW	NW	NW	NW	NW	NW	NW	N	N	O	N	NW
Wind movement	7	7	8	7	6	3	4	5	3	0	1	1

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
64	41	52	48

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, O 8:32 pm

Average daily cloudiness (0-10) 1

Actual sunshine, hours, 10.7

Possible sunshine, hours, 10.7

Percentage of possible sunshine, 100

Prevailing direction Northwest

Total movement, 87

Average hourly velocity, 3.6

Maximum velocity,	Direction,	Time.
10	NW	2:07 pm
10	NW	2:07 pm

Extreme vel.

Relative humidity, 89 a. m. ____ p. m.

Reduced barometer, 30.18 a. m. ____ p. m.

River gage, 14.8, falling

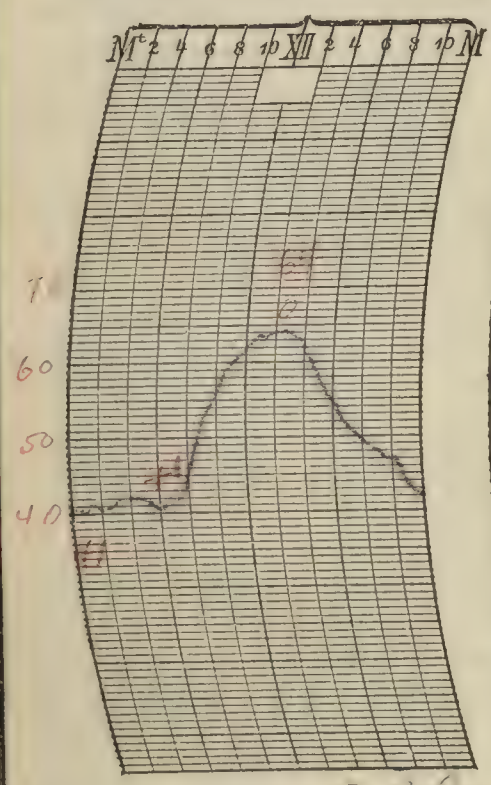
Excessive precipitation, accumulated amounts

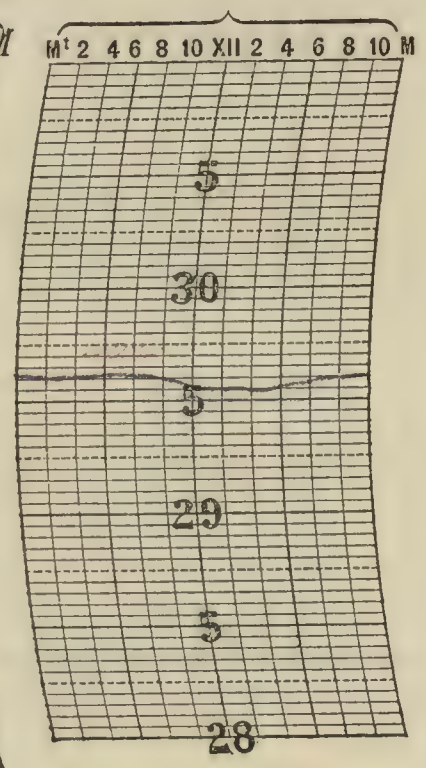
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

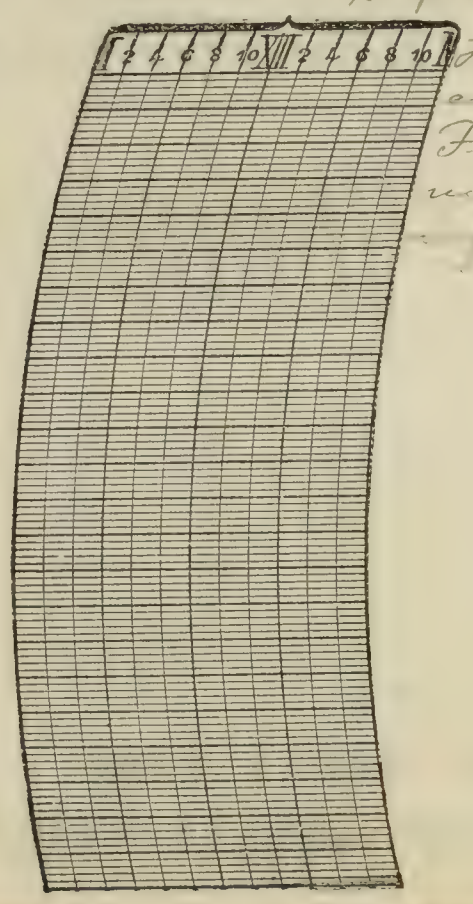
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

x Eye observation.







NOTES.

Light fog continued from preceding day and ended at 8:00 am.
Frost warning contained in forecast message received at [illegible] am. Instruments [illegible]

Prepared by S. C. B.
Verified by S. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE ILL., (Day of week) Saturday, (Date) ....., 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	41	39	39	38	36	35	35 (+1)	37	45	57	60	62
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Dense fog					4 Clear			
Sunshine (in tenths of hours)							0	0	1.0 ×	1.0 ×	1.0	1.0
Wind direction	NW	O	NW	NW	NW	NW	O	NW	NW	NW	SW	SW
Wind movement	1	0	1	1	1	1	0	2	2	5	8	8

Sunrise: Time, 6:20; Character, Foggy

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	63	64	65 (0)	63	59	57	54	53	51	49	48	46
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									Moon visible			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.4 0.6	1.00 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S
Wind movement	8	7	8	5	3	3	3	3	2	3	2	4

Sunset: Time, 5:00; Character, Clear

Maximum velocity ..... (exceeding 25 miles) direction and time .....

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts .....

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal
65	35		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Fair Moon phase, ...

Average daily cloudiness (0-10) 2

Actual sunshine, hours, 9.0

Possible sunshine, hours, 10.7

Percentage of possible sunshine, 84

Prevailing direction Southwest

Total movement, 81

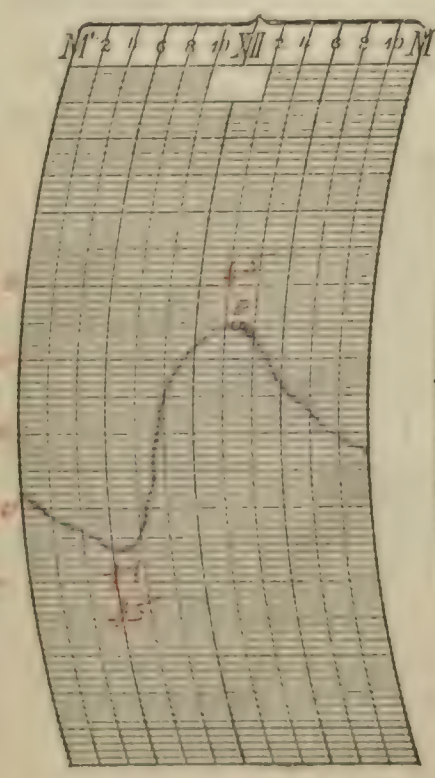
Average hourly velocity, 3.4

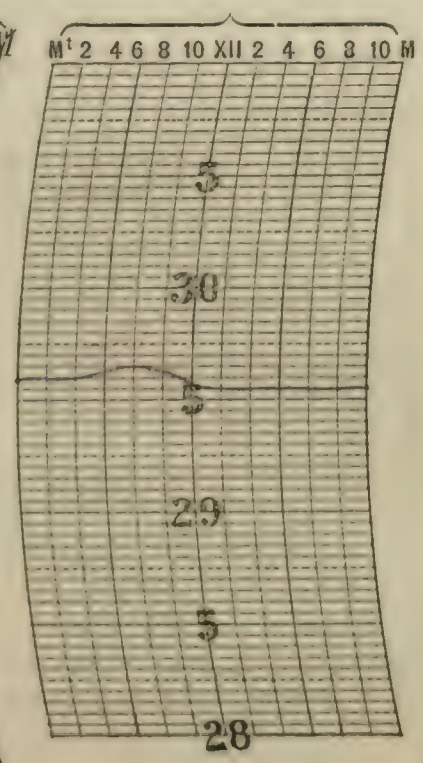
Maximum velocity,	Direction,	Time.
10	SW	12:31 pm
10	SW	12:31 pm

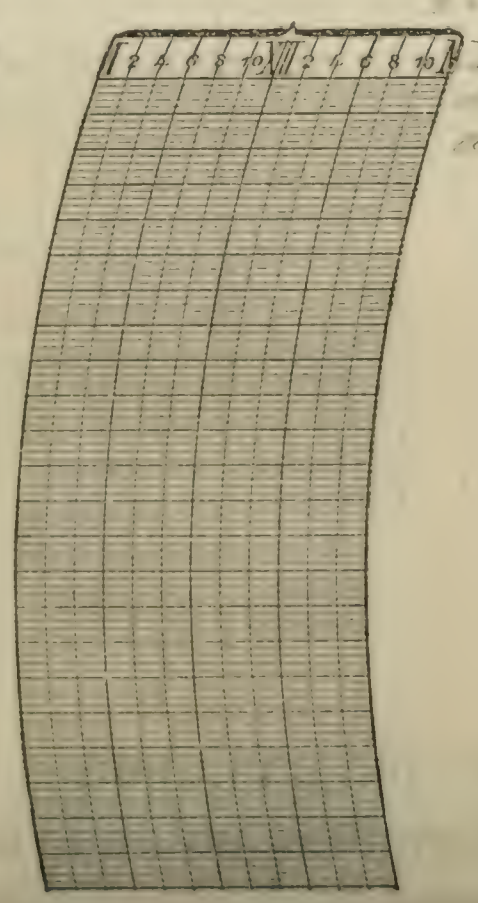
Relative humidity, 100 a. m. ..... p. m.

Reduced barometer, 30.20 a. m. ..... p. m.

River gage, 14.8, on a level







NOTES.

Sky observations

Dense fog formed at 4a, because light at 8:00 am, and disappeared at 9

a light frost was observed this morning

Prepared by .....

Verified by .....

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) [illegible], 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	46	46	47	46	46	47	52	58	62	65	68	72	73	74	73	70	66	64	60	57	55	51	51
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Moon visible										Clear									Moon visible				
Sunrise: Time, Character,	6:21 Clear																				Sunset: Time, Character, 4:59 Clear			
Sunshine (in tenths of hours)							.65 0	0.9 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1 0.9	.98 0							
Wind direction	S	SW	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	4	5	4	3	4	5	7	10	11	13	13	12	12	13	11	9	5	3	4	2	2	4	3	2
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
74	45	[illegible]	71

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 0

Actual sunshine, hours, 10.6

Possible sunshine, hours, 10.6

Percentage of possible sunshine, 100

Prevailing direction Southwest

Total movement, 161

Average hourly velocity, 6.7

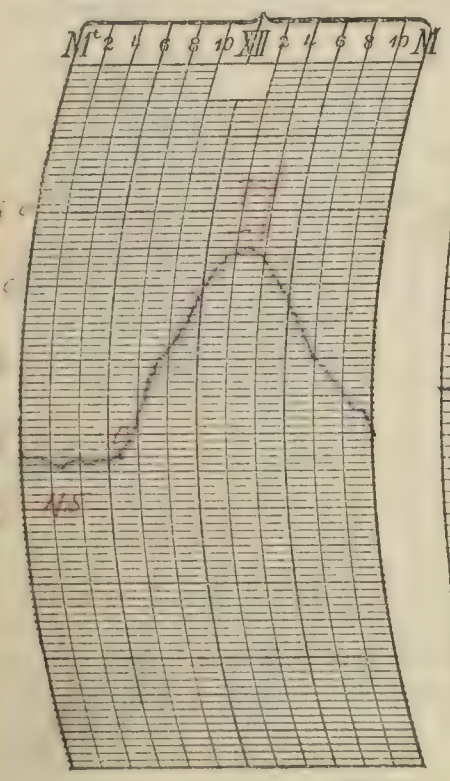
Maximum velocity,	Direction,	Time.
17	SW	9:41 am
18	SW	9:39 am

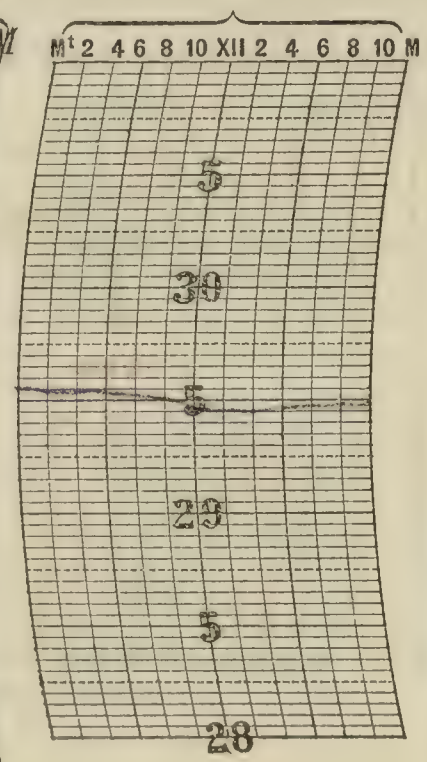
Relative humidity, 57 a. m. p. m.

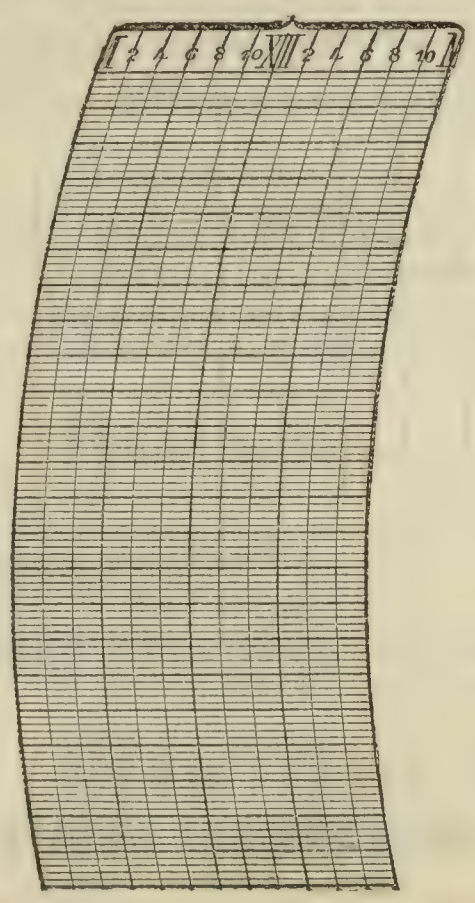
Reduced barometer, 30.08 a. m. p. m.

River gage, 14.7 falling

NOTES.







Prepared by S. V. P.
Verified by S. V.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LAWRENCE, ILL., (Day of week) Monday, (Date) OCT. 28, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	48	47	46	45	47	48	52	57	63	66	69
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		Moon visible					Cloudy					
Sunrise: Time, 6:22 Character, Cloudy												
Sunshine (in tenths of hours)							x .20	x 1.0	x 1.0	1.0	1.0	1.0
Wind direction	E	E	E	E	E	E	SE	SE	S	S	SW	SW
Wind movement	4	2	2	3	3	2	2	2	4	7	10	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	73	73	71	67	64	62	61	59	59	59	
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			xPtCx Clear						Moon visible xPtC.			
Sunset: Time, 4:57 Character, Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	x 1.0	.95 0							
Wind direction	S	SW	S	S	S	S	S	S	S	S	S	SW
Wind movement	15	16	20	15	10	8	10	11	11	15	16	15

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
74	45		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Partly cloudy. Moon phase.

Average daily cloudiness (0-10) 6

Actual sunshine, hours, 10.2

Possible sunshine, hours, 10.6

Percentage of possible sunshine, 96

Prevailing direction SE

Total movement, 213

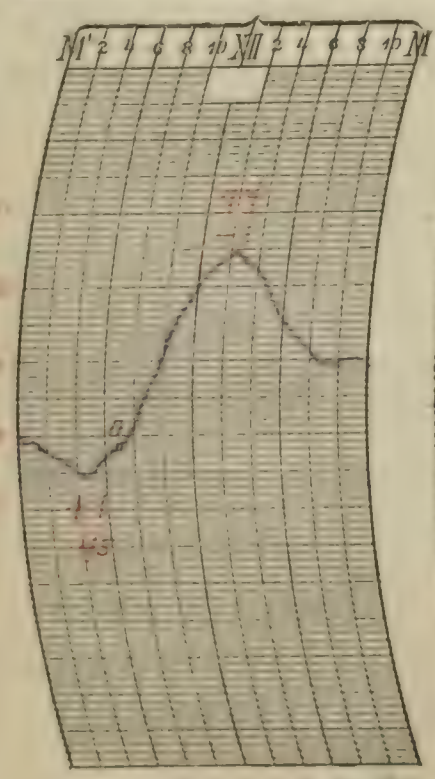
Average hourly velocity, 8.9

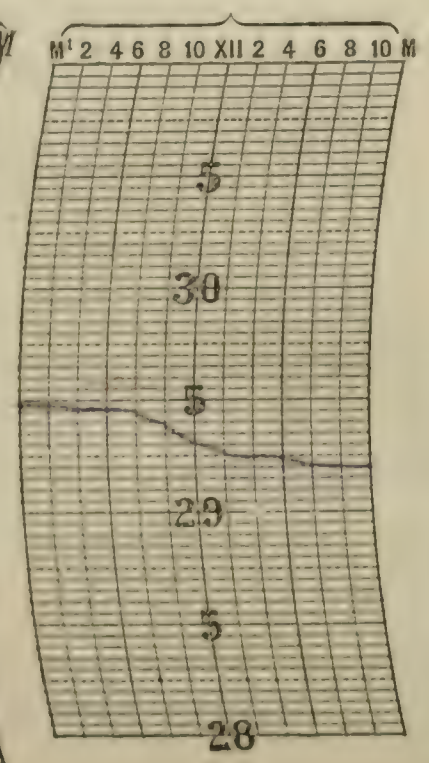
Maximum. velocity,	Direction.	Time.
23	SW	3:42 p.m.
5	SW	2:41 p.m.

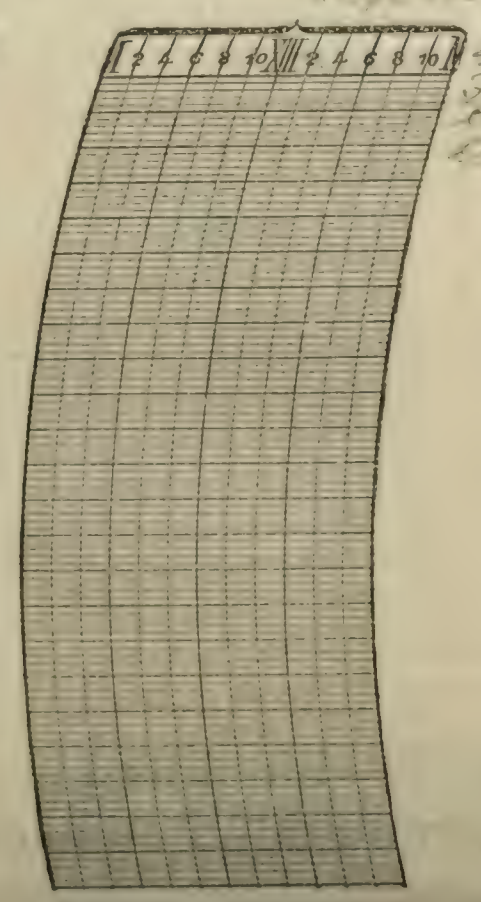
Relative humidity, 83 a. m. p. m.

Reduced barometer, 30.00 a. m. p. m.

River gage, 17.7 on a level







NOTES.

Lunar halo observed from 5:00 am to 6:00 am.
Fog prevailed over the bottom lands from 7:00 a.m. to about 8:00 am.
Lunar halo observed at 10:00 p.m.

Prepared by S. P. L.
Verified by S. P. L.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) [illegible], 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	58	58	57	57	57	58	57	58	61	61	62
State of weather: Nature of precipitation and time of beginning and ending								RB 7:10	RE 8:40			
Amounts of precipitation								T	.01			
Cloudiness and other conditions					Cloudy					Clear		
Sunrise: Time, Character, 6:24 Clear												
Sunshine (in tenths of hours)							.30 0	0	0	0.2	1.0	0.9
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W
Wind movement	15	17	14	12	17	15	17	15	10	14	16	15

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	59	57	56	52	50	49	47	46	45	44	43
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									Moon visible			
Sunset: Time, Character, 4:56 Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.7 0.3	.93 0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	15	16	16	16	13	12	13	12	12	11	11	11

Maximum velocities (exceeding 25 miles) direction and time

Maximum.	Minimum.	Mean.	Normal.
64	43	54	46

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Partly Cloudy Moon phase,

Average daily cloudiness (0-10) 4

Actual sunshine, hours, 7.3

Possible sunshine, hours, 10.5

Percentage of possible sunshine, 70

Prevailing direction West

Total movement, 335

Average hourly velocity, 14.0

Maximum velocity,	Direction,	Time.
20	W	11:11 am

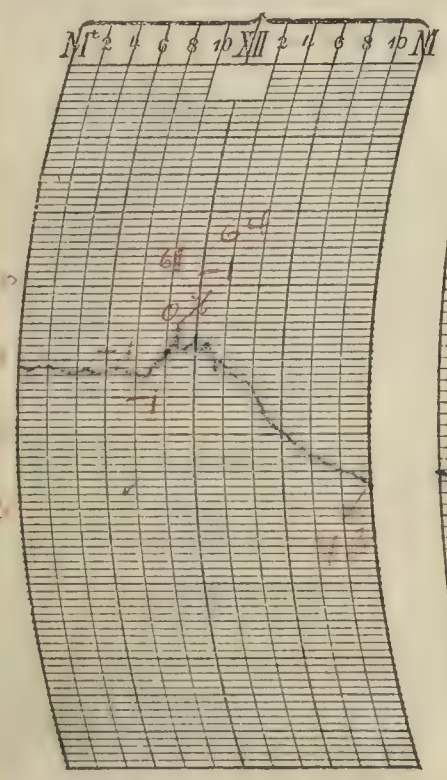
Extreme vel., 21 - W - 11:09 am

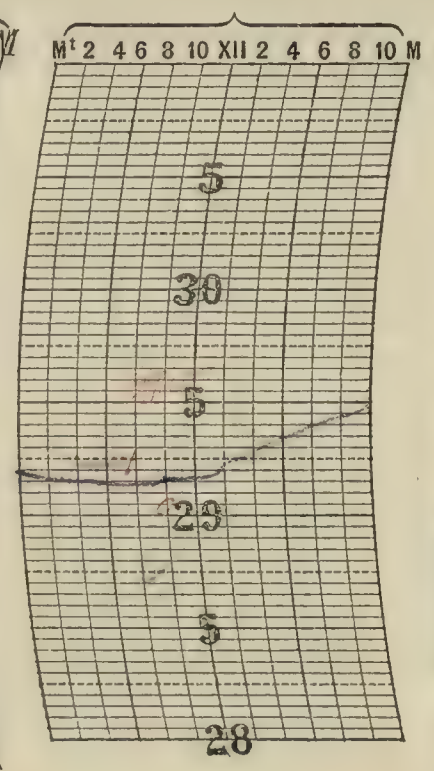
Relative humidity, 66 a. m. ____ p. m.

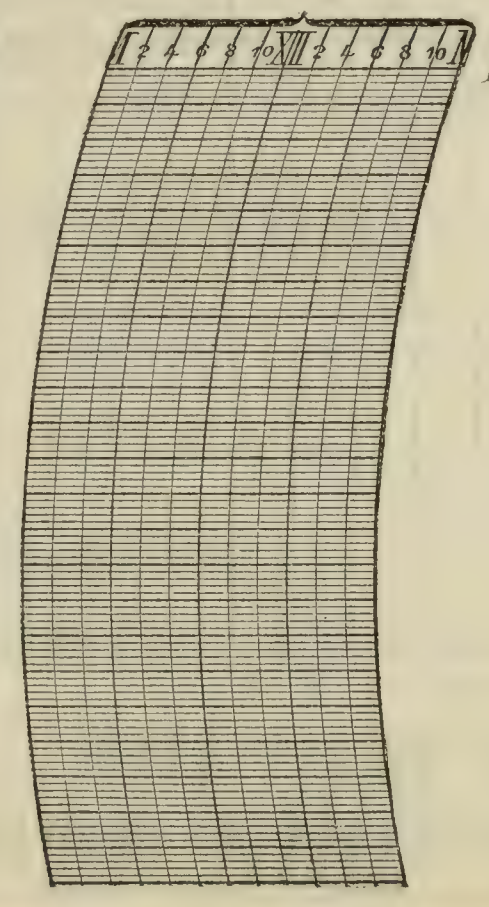
Reduced barometer, 29.68 a. m. ____ p. m.

River gage, 14.7, ice stand

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.







NOTES.

Thunderstorm: First thunder heard at 7:27 am; last heard at 7:43 am. Storm came from N.

Prepared by S. P. P.
Verified by S. P. S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) La Salle, Ill., (Day of week) Wednesday, (Date) [illegible], 191

Time (local standard), 90th m.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	41	40	39	37	36	35 +1	35	39	41	44	46	49	51	52 0	51	49	48	46	44	43	43	41	40
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions		Moon visible								Clear							x partly					x cloudy		
Sunrise: Time, 6:25 Character, Clear																					Sunset: Time, 4:55 Character, Cloudy			
Sunshine (in tenths of hours)							.58 0	1.0 0	x 1.0	1.0	1.0	1.0	1.0	1.0	x 1.0	x 1.0	x .42							
Wind direction	W	W	W	W	NW	NW	NW	NW	W	W	NW	NW	NW	NW	NW	W	NW	NW	NW	W	N	N	NE	NE
Wind movement	12	12	14	10	8	9	6	6	7	5	7	5	4	4	5	3	3	1	3	6	1	4	5	5
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amount:

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
52	35	44	45

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase.

Average daily cloudiness (0-10) 1

Actual sunshine, hours, 10.0

Possible sunshine, hours, 10.5

Percentage of possible sunshine, 95

Prevailing direction Northwest

Total movement, 147

Average hourly velocity, 6.0

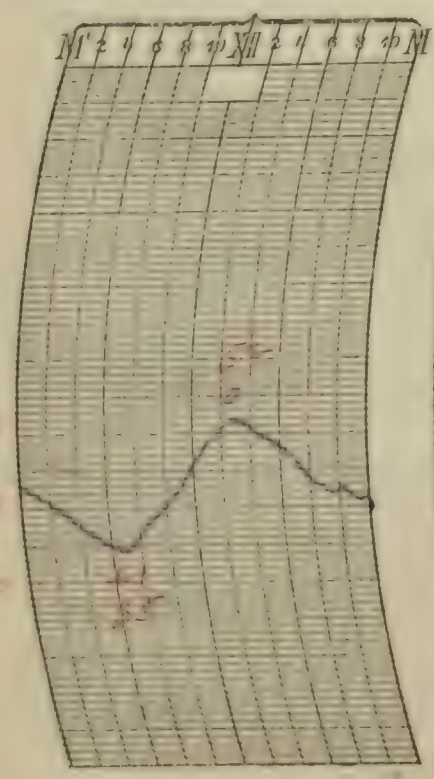
Maximum velocity,	Direction,	Time.
16	W	2:11 am
Extreme vel. 16	W	2:11 am

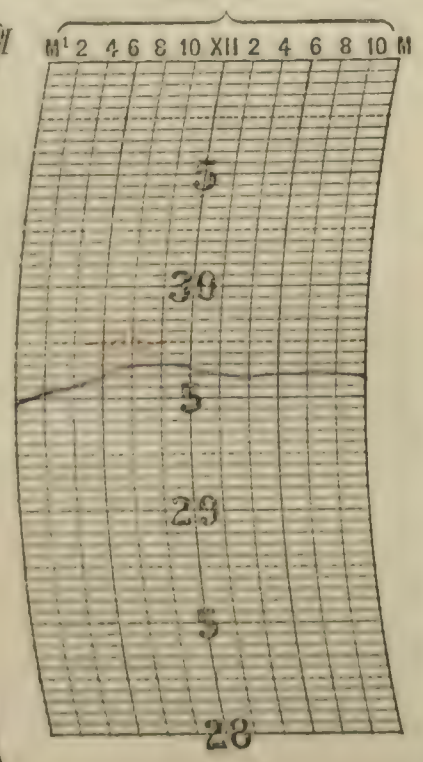
Relative humidity, 80 a. m. ____ p. m.

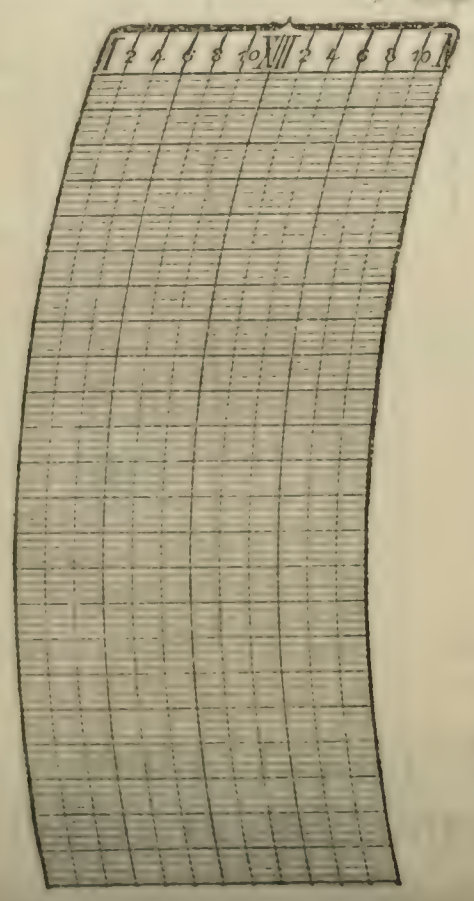
Reduced barometer, 30.19 a. m. ____ p. m.

River gage, 14.7 [illegible]

NOTES.







Prepared by [illegible]

Verified by [illegible]

8-186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL., (Day of week) Thursday, (Date) OCT 31 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	40	39	40	40	40 RB 5:25	40 (0)	40	40 (+1)	41	42 (+1)	41
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation						.01	.06	.10	.10	.09	.07	.07
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character,	6:26 Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	NE	NE	E	NE	E	NE	NE	NE	NE	NE	NE	NE
Wind movement	7	4	5	6	7	5	6	8	9	9	8	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	40 (+1)	40	39	40	39	38 (+1)	38	38	37	37	37
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	.04	.02	.03	.02	T	.01	.04	.02	T	T	.08	.03
Cloudiness and other conditions	Cloudy											
Sunset: Time, Character,									4:53 Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	NW	NW
Wind movement	12	12	10	12	12	12	10	14	12	10	12	13

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
42	38	40	45

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .05 ins.; to 7 p. m., .61 ins.

Total precipitation, midnight to midnight, .79 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 10.4

Percentage of possible sunshine, 0

Prevailing direction Northeast

Total movement, 226

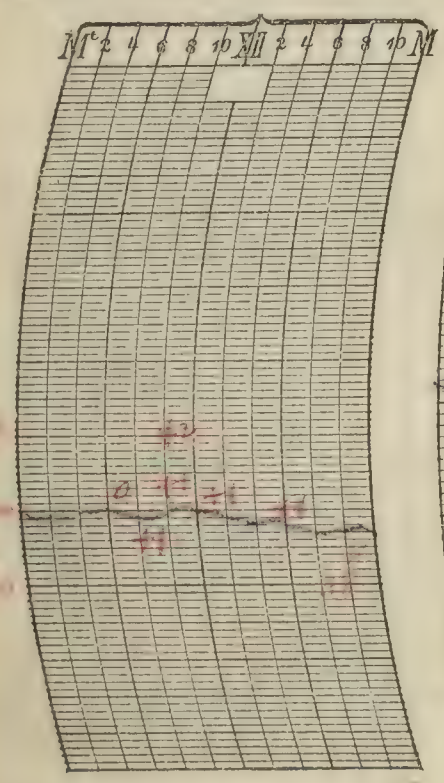
Average hourly velocity, 9.4

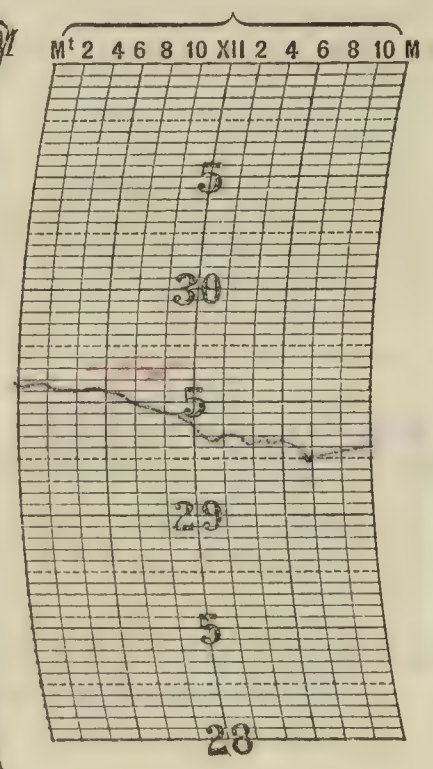
Maximum velocity,	Direction,	Time.
17	NE	7:53 pm
Extreme vel., 18	NE	7:52 pm

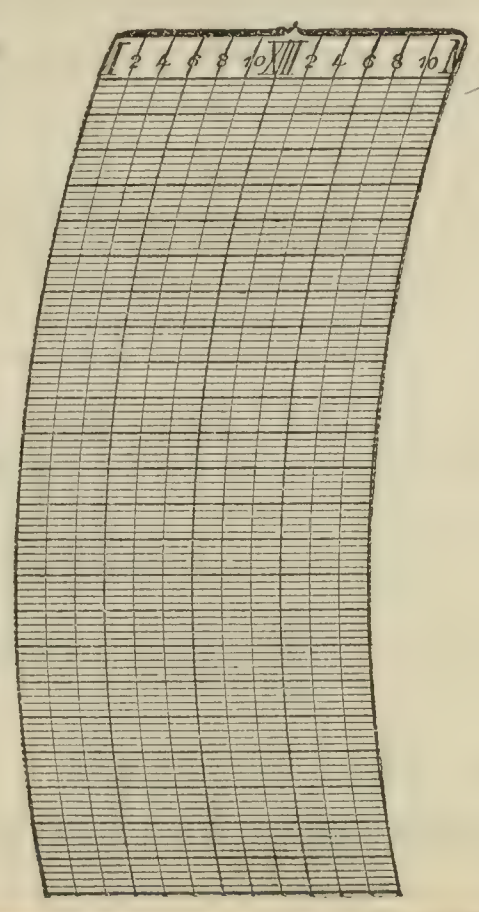
Relative humidity, 95 a. m. p. m.

Reduced barometer, 30.15 a. m. p. m.

River gage,







NOTES.

A special observation was taken at 1:40 pm and telegraphed to Washington. Pressure fell rapidly

Prepared by S. P. V.

Verified by S. V. V.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LASALLE, ILL., (Day of week) Friday, (Date) Nov. 1, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	37	36	36	36	35	34	[illegible]	[illegible]	[illegible]	37	37	38	39	37	36	35	35	34	33	32	[illegible]	[illegible]	30
State of weather: Nature of precipitation and time of beginning and ending		K	E	D	Ra						10:45	11:40												
Amounts of precipitation		.01									T	T												
Cloudiness and other conditions					PTCldy					XCldy			XPtC	XC			XPtCCldy							
Sunshine (in tenths of hours)							0	.3 0	0.9	0.9	0.1	0.1	0.8	0.1	0	0	.37 0							
Wind direction	nw	nw	nw	nw	nw	nw	nw	nw	nw	nw	nw	nw	N	nw	nw	nw	nw	nw	nw	nw	nw	nw	nw	nw
Wind movement	14	10	12	11	11	12	9	11	12	14	15	[illegible]	17	15	14	13	10	8	7	7	7	5	4	5

Sunrise: Time, 6:17; Character, Cloudy

Sunset: Time, 4:15; Character, Clear

Maximum velocities (exceeding 25 miles) direction and time: Maximum velocity, 21; Direction, nw; Time, 12:12 pm

Extreme vel. 21 — nw — 12:12 pm

Excessive precipitation, accumulated amounts.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	40	32	35	44 ×

Total depth of snow for 24 hours ending 7 p. m., T inches. × Melted at 7 p.m.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., .14 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Partly Cloudy. Moon phase, C 7:25 p

Average daily cloudiness (0-10) 7

Actual sunshine, hours, 4.3

Possible sunshine, hours, 10.4

Percentage of possible sunshine, 40

Prevailing direction Northwest

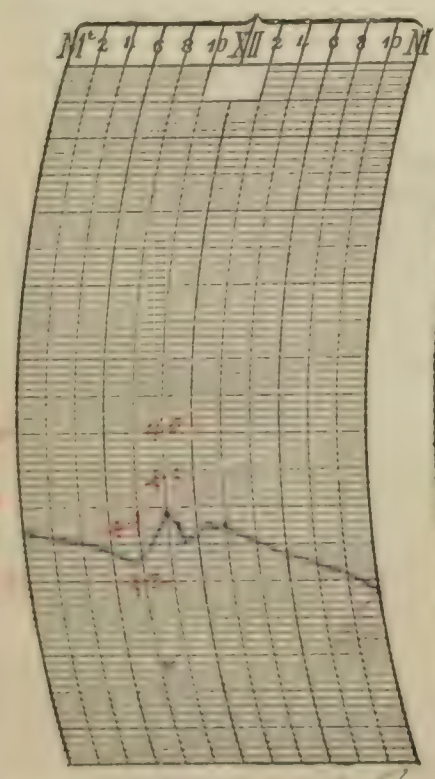
Total movement, 262

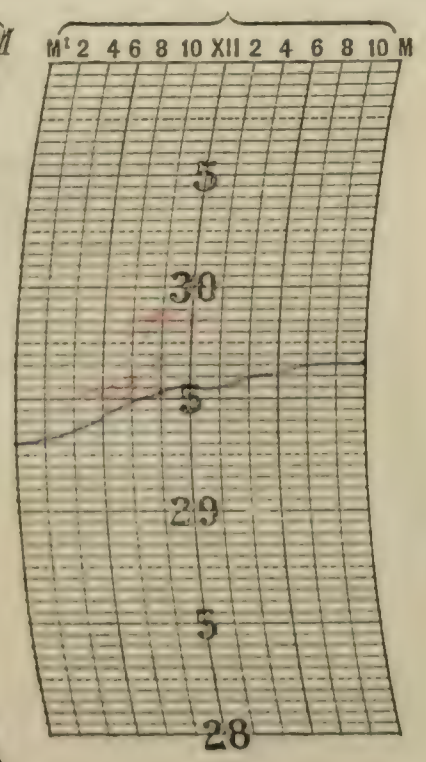
Average hourly velocity, 10.9

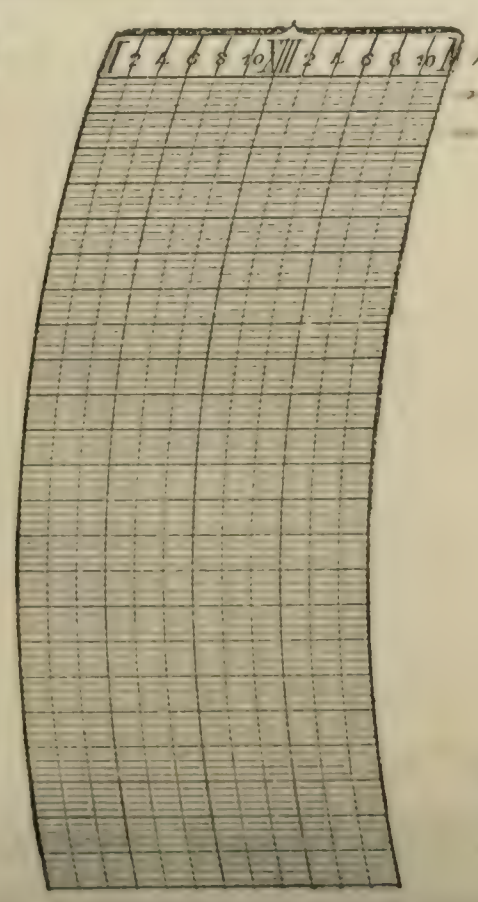
Relative humidity, 77 a. m. ____ p. m.

Reduced barometer, 30.06 a. m. ____ p. m.

River gage, 14.7 [illegible]







NOTES.

Warning of heavy frost contained in forecast message received at 8:48 a.m. and issued at [illegible]

Prepared by [illegible]

Verified by [illegible]

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE, ILL., (Day of week) Saturday, (Date) Nov 8 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	28	27	26	25	25	24 (+2+)	25	28	30	31	32	34	36	37 (+1)	37	36	35	33	32	32	31	30	
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Heavy						Clear																	
	visible				Lt smoke																			
Sunshine (in tenths of hours)							.53 0	1.0 0	× 1.0	0.9	0.6	0.6	1.0	1.0	0.8	1.0 0	.85 0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	SW	SW
Wind movement	4	6	3	4	5	3	4	4	6	8	9	8	9	10	9	8	3	2	2	2	2	2	3	3

Sunrise: Time, 6:28 Character, Clear

Sunset: Time, 4:51 Character, Clear

× Eye observations

Maximum.	Minimum.	Mean.	Normal.
37	24	30	44

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10)

Actual sunshine, hours, 9.3

Possible sunshine, hours, 10.4

Percentage of possible sunshine, 89

Prevailing direction West

Total movement, 119

Average hourly velocity, 5.0

Maximum velocity,	Direction,	Time.
14	W	2:08 p.m.
Extreme vel. 14	W	2:08 "

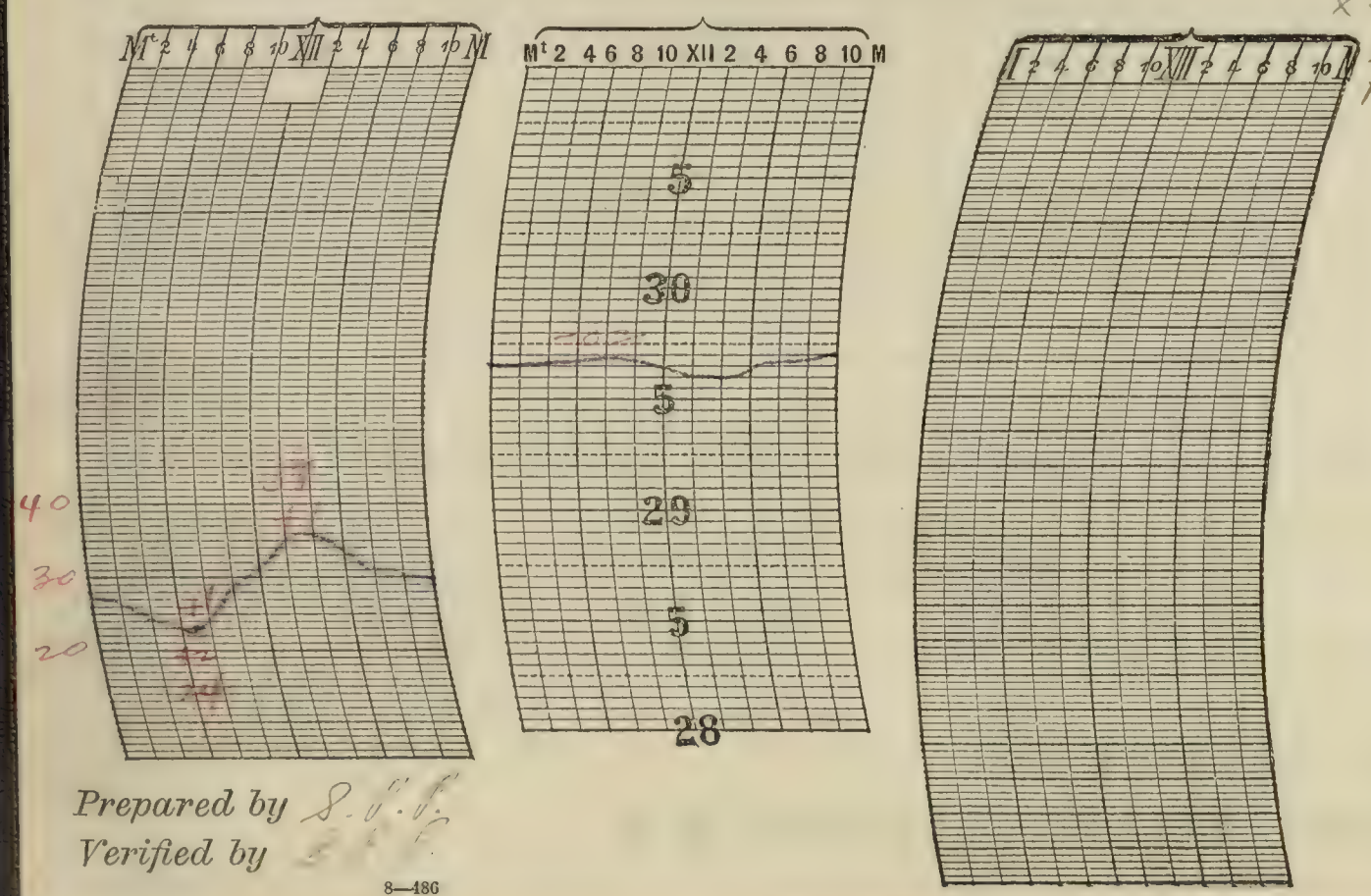
Relative humidity, 88 a. m. p. m.

Reduced barometer, 30.35 a. m. p. m.

River gage, 14.9, rising

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.



NOTES.

Lt smoke formed 2 Ma and ended at 8 p.m.

Heavy deposit of frost observed this morning.

Prepared by S. V. S.

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LASALLE, ILL., (Day of week) Sunday, (Date) [illegible], 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	30	30	30	30	30	30	30 (+1)	33	37	42	45	47
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Hazy Visible				Clear				Pt Cldy			
Sunrise: Time, 6:30 Character, Clear												
Sunshine (in tenths of hours)							.50 0	1.0 0	0.1 0.8	1.0	1.0	1.0
Wind direction	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW
Wind movement	4	4	4	3	4	5	5	6	7	9	14	19
Maximum velocities (exceeding 25 miles) direction and time												11:35 a.m. 25

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	49	50	51 (+1)	49	47	45	43	42	43	42	42	43
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, 4:50 Character, Cloudy												
Sunshine (in tenths of hours)	1.0	0.7	0.5	0.5 0.1	.43 0							
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	19	18	15	12	5	5	9	7	7	10	9	12

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
51	30	40	42

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, [illegible] inches.

Character of day, Pt Cldy Moon phase, [illegible]

Average daily cloudiness (0-10) 5

Actual sunshine, hours, 5.6

Possible sunshine, hours, 10.3

Percentage of possible sunshine, 54

Prevailing direction, South

Total movement, [illegible]

Average hourly velocity, 7

Maximum velocity,	Direction,	Time.
25	S	11:35 a.m.

Extreme velocity, 26 [illegible]

Relative humidity, 78 a. m. [illegible] p. m.

Reduced barometer, 30.26 a. m. [illegible] p. m.

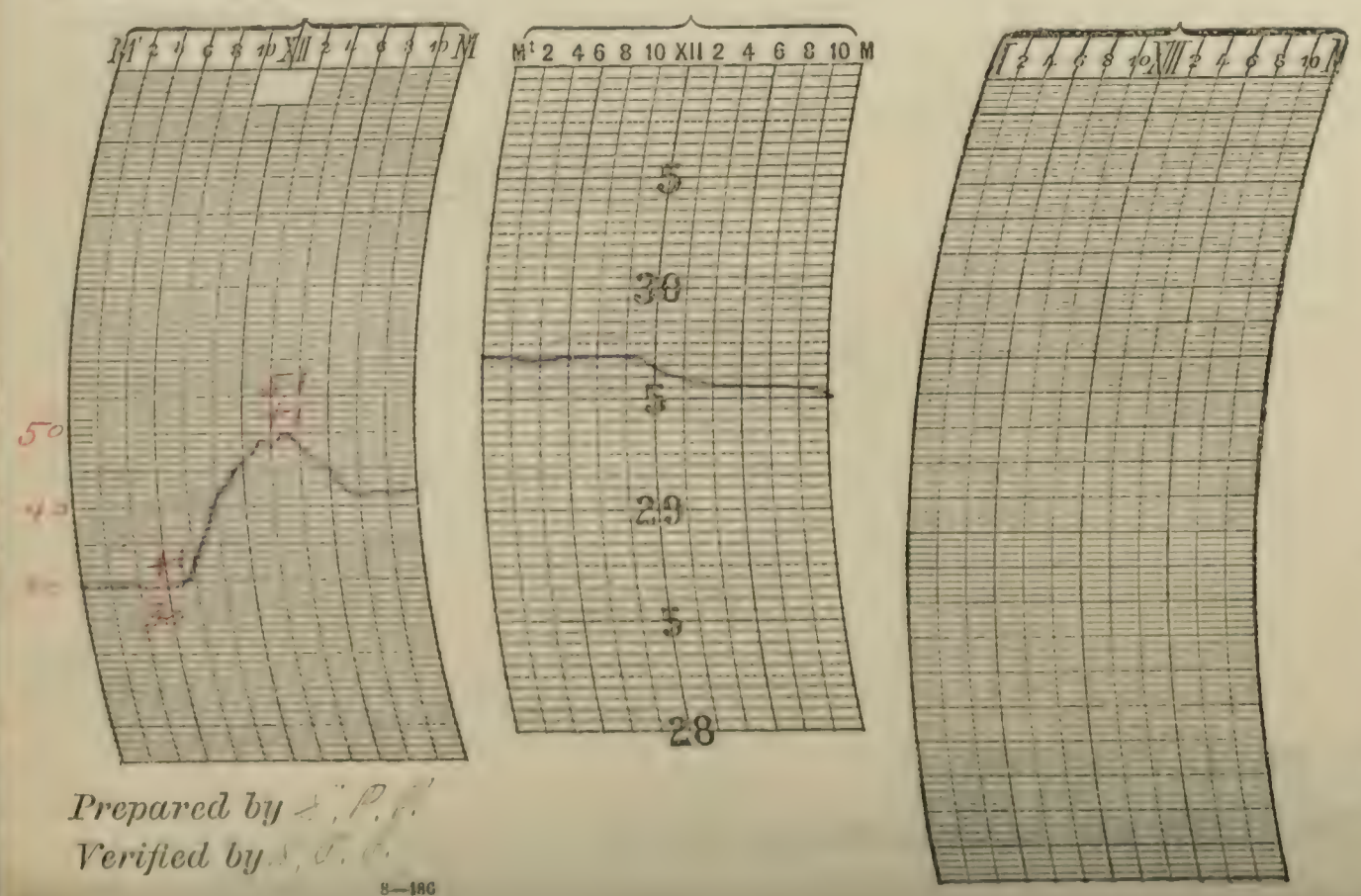
River gage, [illegible]

Excessive rate: Total duration. From—	To—	Total amount of precipitation.	Began—	Ended—	Amount before excessive began.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amount



NOTES.

Prepared by [illegible]

Verified by [illegible]

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE ILL., (Day of week) Monday, (Date) NOV 1 1915, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	43	42	41	40	41	42	42 (+1)	44	46	51	54	55
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear visibility		Clear									
Sunshine (in tenths of hours)							0	0.6 0	0.2 0.4	0.8	0.9	0.5
Wind direction	SW	SW	SW	SW	SW	SW	SW	S	S	SW	SW	SW
Wind movement	14	12	11	9	11	10	11	12	15	18	23	21
Maximum velocities (exceeding 25 miles) direction and time											10:57 SW 25	11:30 SW 26

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	57	59	61 (−1)	59	56	54	51	50	50	49	49	40
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0.1	0.8	0.3	1.0 0	.82 0							
Wind direction	SW	SW	SW	SW	W	W	W	W	W	SW	SW	SW
Wind movement	24	25	21	19	14	14	8	8	6	7	8	6
Maximum velocities (exceeding 25 miles) direction and time	12:18 SW 30	1:51 SW 31	2:09 SW 29									

Sunrise: Time, 6:31 Character, Cloudy

Sunset: Time, 4:49 Character, Clear

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
61	40	50	43

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Partly Cldy Moon phase, —

Average daily cloudiness (0–10) 4

Actual sunshine, hours, 6.4

Possible sunshine, hours, 10.3

Percentage of possible sunshine, 62

Prevailing direction Southwest

Total movement, 327

Average hourly velocity, 13.6

Maximum velocity,	Direction,	Time.
31	SW	1:51 pm
33	SW	1:52 pm

Relative humidity, 62 a. m. ____ p. m.

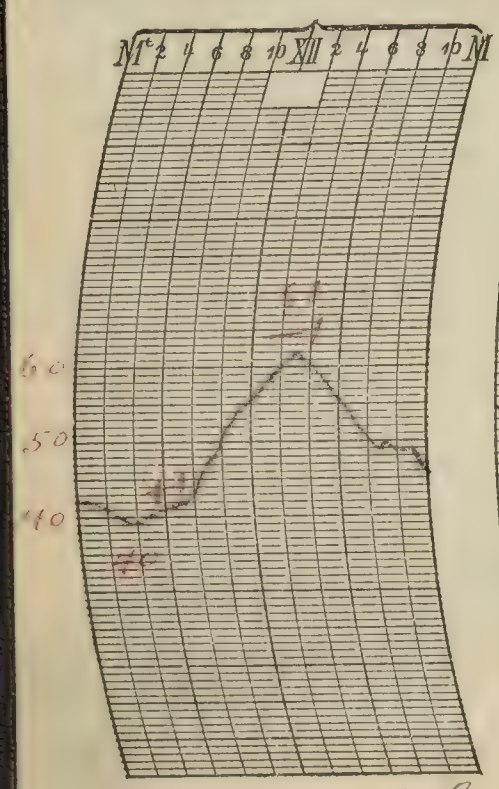
Reduced barometer, 29.99 a. m. ____ p. m.

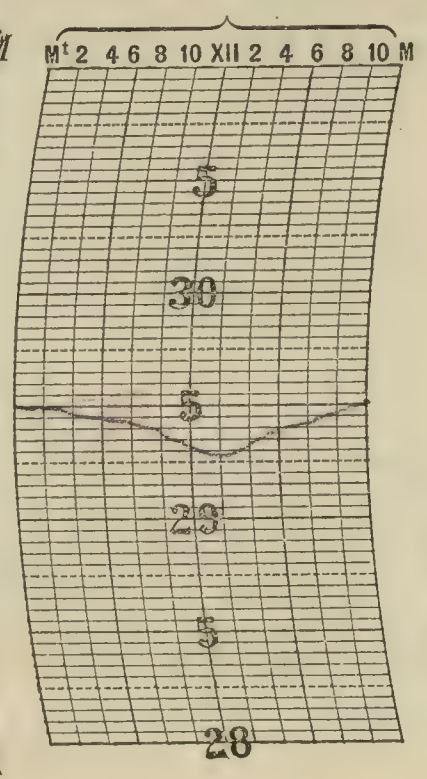
River gage, 15.0

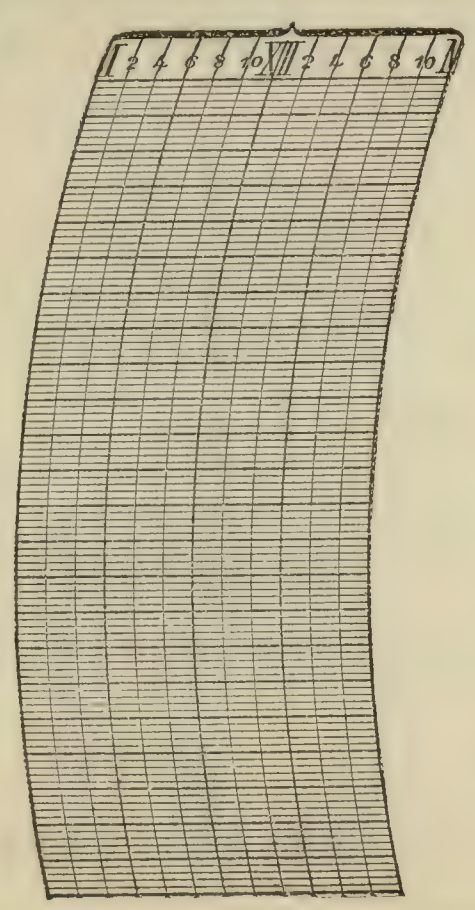
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

NOTES.







Prepared by S. P. P.

Verified by S. S. C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) [illegible], 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	43	45	45	44	45	45 (+1)	46	51	53	56 (0)	55
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear or visible at intervals			Pt cloudy					X	Cloudy		
Sunrise: Time, Character,	6:32 Cloudy											
Sunshine (in tenths of hours)							.30	1.0		0.3	0	0.1
Wind direction	SW	S	SW	SW	SW	S	S	SE	S	S	SW	SW
Wind movement	3	4	3	5	2	3	2	3	5	8	13	15
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	53	52	52	52	53	53	54	54	54	54	54
State of weather: Nature of precipitation and time of beginning and ending		RB 1:40		RE 3:55			RB 6:12					
Amounts of precipitation		T	T	T			T	.02	.14	.07	.08	.07
Cloudiness and other conditions												
Sunset: Time, Character,									4:47 Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	S	SE	S	S	SE	S	S
Wind movement	15	10	10	10	9	6	2	3	6	5	7	10

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
56	43	50	42

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .38 inches.

Character of day, Cloudy; Moon phase,

Average daily cloudiness (0-10)

Actual sunshine, hours, 2.7

Possible sunshine, hours, 10.2

Percentage of possible sunshine, 26

Prevailing direction, Southwest

Total movement, 159

Average hourly velocity, 6.6

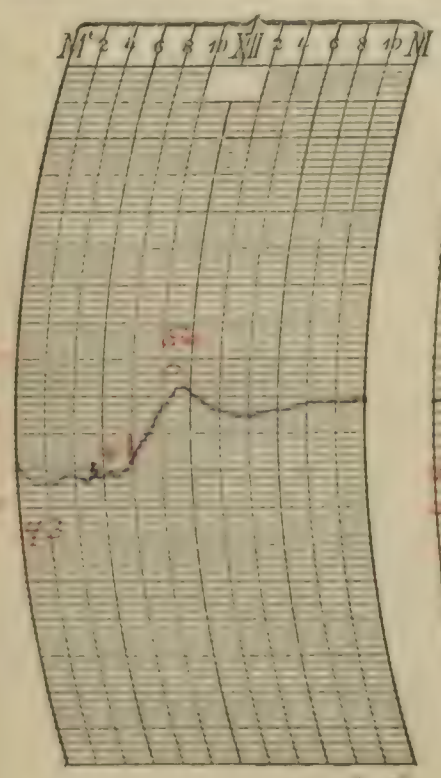
Maximum velocity,	Direction,	Time.
30	SW	11:57 am
24	SW	11:56 am

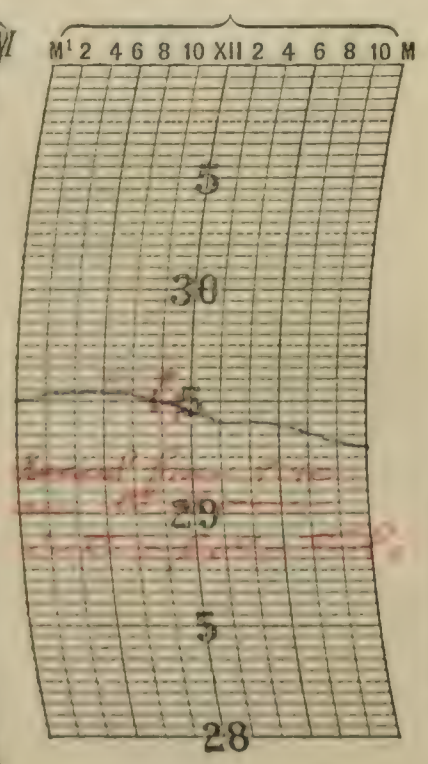
Relative humidity, 93 a. m. ____ p. m.

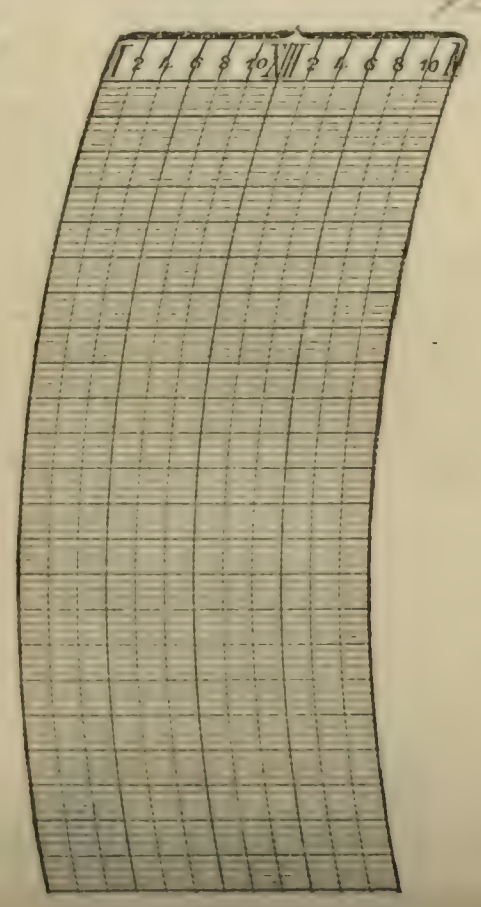
Reduced barometer, 30.11 a. m. ____ p. m.

River gage, [illegible], falling

NOTES.







Prepared by [illegible]

Verified by [illegible]

Form No. 1014—Met.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL, (Day of week) Wednesday, (Date) [illegible], 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	54	55	54	53	51	51	52	52	51	49	48
								RE 7:45		RB 9:25		
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	.13	.05	.01	.02	.06	.01	T	T		.01	.02	.11
Cloudiness and other conditions	Cloudy											
Sunrise: Time, 6:33 Character, Cloudy												
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	S	SW	SW	SW	W	N	N	N	N	N	N	N
Wind movement	6	8	6	6	4	8	7	8	13	12	13	12
Maximum velocities (exceeding 7 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	46	46	46	46	46	43	41	40	[illegible]	[illegible]	[illegible]
				RE 3:58								
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	.07	.11	.06	.02								
Cloudiness and other conditions	Clear											
Sunset: Time, 4:46 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	N	N	N	N	N	N	W	W	N	W	W	W
Wind movement	10	14	13	10	7	6	4	4	4	2	3	3

Maximum.	Minimum.	Mean.	Normal.
55	36	[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .66 ins.; to 7 p. m., .40 ins.

Total precipitation, midnight to midnight, .68 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 10.2

Percentage of possible sunshine, 0

Prevailing direction Northerly

Total movement, 183

Average hourly velocity, 7.6

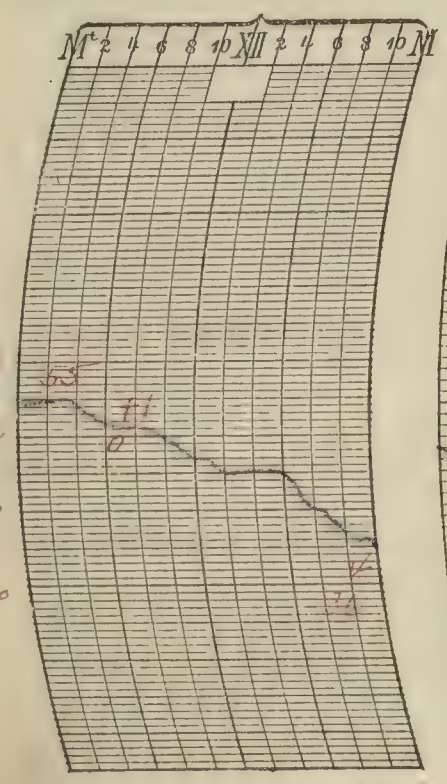
Maximum velocity,	Direction,	Time.
17	N	1:30 pm
Extreme vel., 17	N	1:30 pm

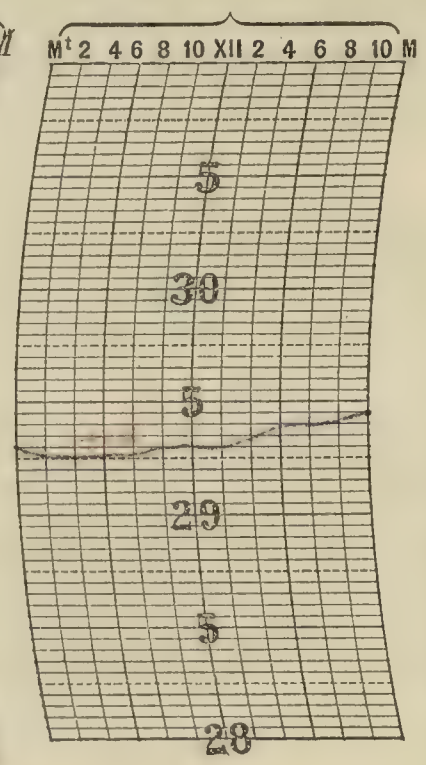
Relative humidity, 97 a. m. ____ p. m.

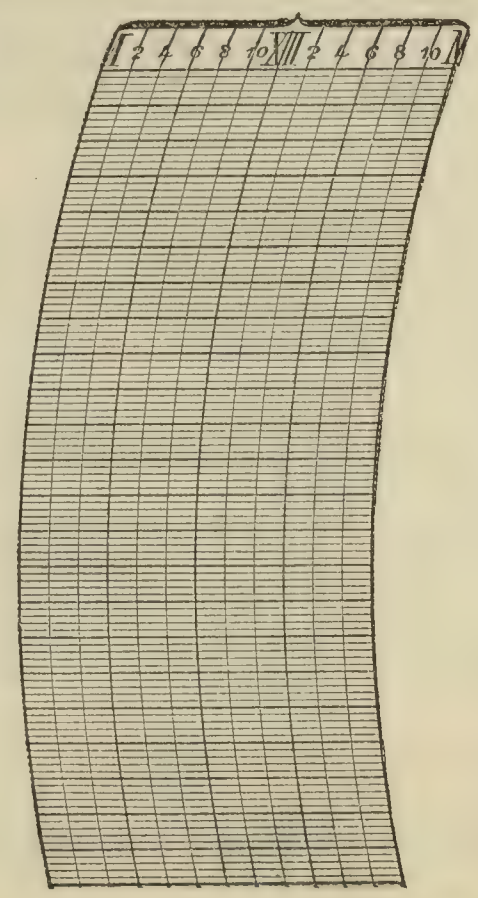
Reduced barometer, 29.84 a. m. ____ p. m.

River gage, 15.1, rising

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.







NOTES.

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) Thursday, (Date) [illegible], 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	34	33	33	33	32 (+1)	35	38	42	46	49	51	53	54 (0)	54	51	49 (×)	48 (×)	47 (×)	46 (×)	45 (×)	44 (×)	[illegible]
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Clear		Lt fog →		× Partly			×	Clear											
Sunshine (in tenths of hours)							0	× 0.9	0.5	0.4	0.9	1.0	1.0	1.0	1.0	0.2 0.8	.75 0							
Wind direction	NW	NW	NW	NW	NW	NW	N	N	N	NW	NE	E	E	SE	SE	S	S	SE	SE	SE	S	S	S	S
Wind movement	2	2	4	3	5	3	2	2	2	2	1	3	3	3	2	5	2	3	2	3	3	3	5	7
Maximum velocities (exceeding 25 miles) direction and time																								

Sunrise: Time, 6:34; Character, Foggy

Sunset: Time, 4:45; Character, Clear

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
55	32	[illegible]	41

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 8.4

Possible sunshine, hours, 10.2

Percentage of possible sunshine, 82

Prevailing direction Northwest

Total movement, 76

Average hourly velocity, 3.9

Maximum. velocity,	Direction,	Time.
9	SW	11:37 pm
	9 - SW -	11:39 pm

Extreme vel.

Relative humidity, 95 a. m. p. m.

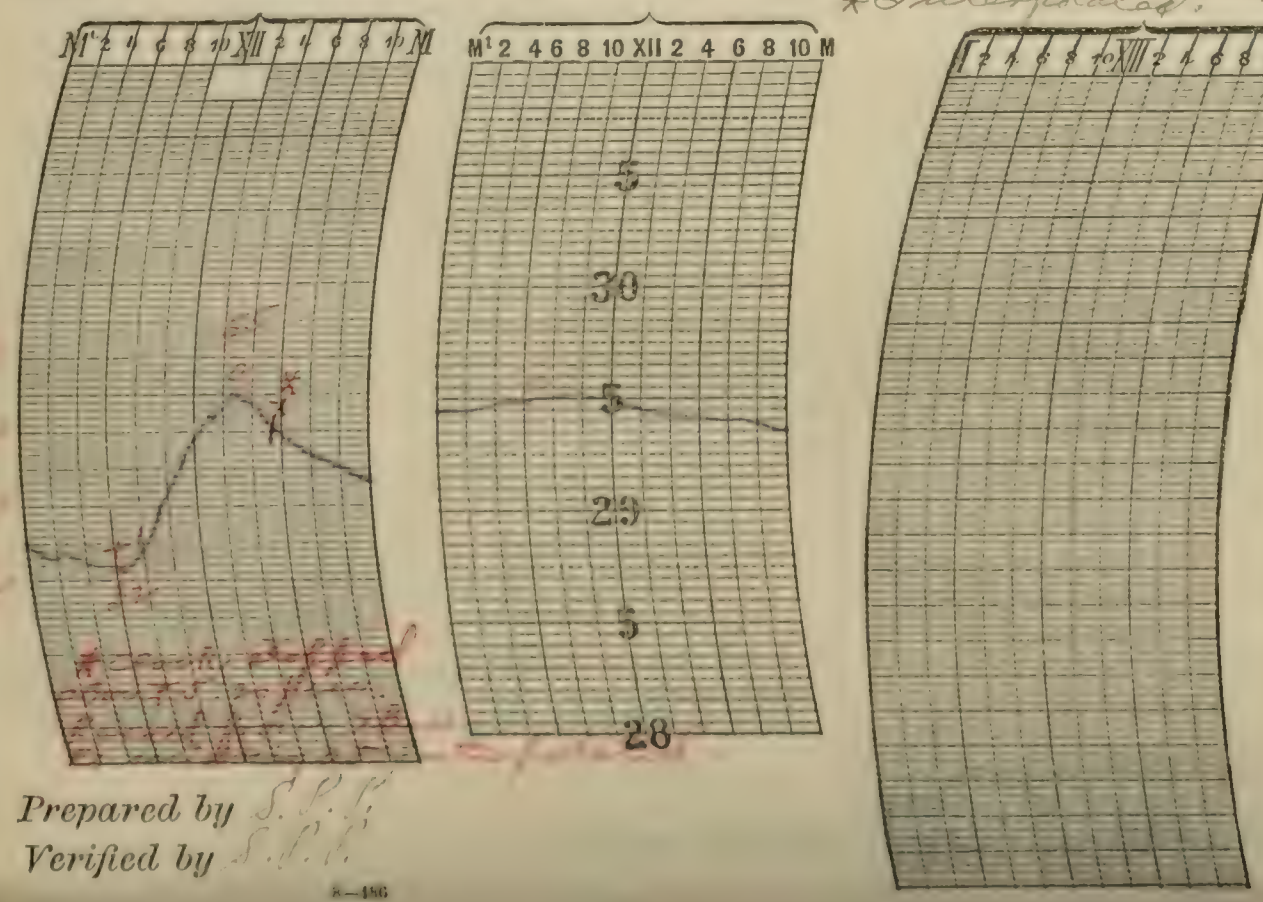
Reduced barometer, 30.08 a. m. p. m.

River gage, 15.5, falling

* Interpolated. × Eye observation.

NOTES.

Light fog formed DHa and ended at [illegible]



Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL., (Day of week) Friday, (Date) [illegible], 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	* 43	* 42	* 42	* 41	* 41	* 41	0 41	43	47	0 [illegible]	51	54
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								Clear				
Sunrise: Time, Character,	6:36 Clear											
Sunshine (in tenths of hours)							.40 0	1.0 0	0.4 0.6	1.0	1.0	1.0
Wind direction	S	SW	SW	W	W	W	W	W	W	W	W	W
Wind movement	8	9	9	9	9	10	9	9	15	16	18	21
Maximum velocities (exceeding 25 miles) direction and time												
Excessive precipitation, accumulated amounts												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	0 55	55	54	52	50	48	48	46	44	45	43	41
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, Character,									4:44 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.6 0.4	.73 0							
Wind direction	W	W	NW	W	W	W	W	W	W	W	W	W
Wind movement	20	23	25	21	15	13	12	15	15	15	16	13
Maximum velocities (exceeding 25 miles) direction and time		1:57 W 26	2:18 NW 29	3:28 NW 30								
Excessive precipitation, accumulated amounts												

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
55	41		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, ● 5:05 pm

Average daily cloudiness (0–10) 0

Actual sunshine, hours, 10.1

Possible sunshine, hours, 10.1

Percentage of possible sunshine, 100

Prevailing direction West

Total movement, 345

Average hourly velocity, 14.4

Maximum velocity,	Direction,	Time.
30	NW	3:28 pm
Extreme vel. 32	W	3:29 pm

Relative humidity, 80 a. m. ____ p. m.

Reduced barometer, 30.00 a. m. ____ p. m.

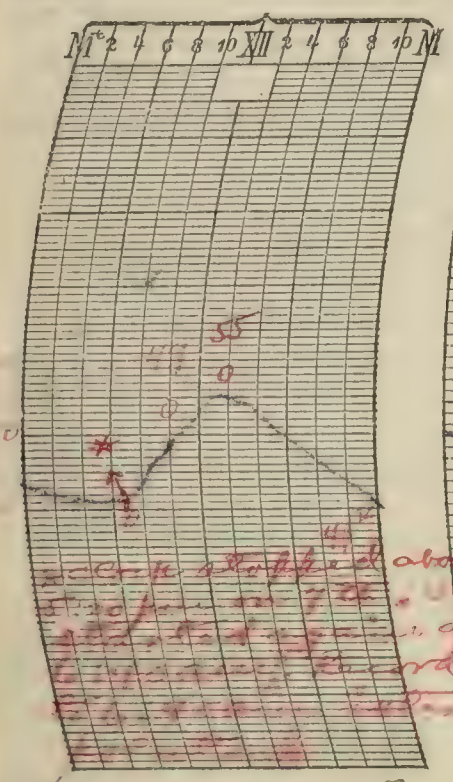
River gage, 16.0 rising

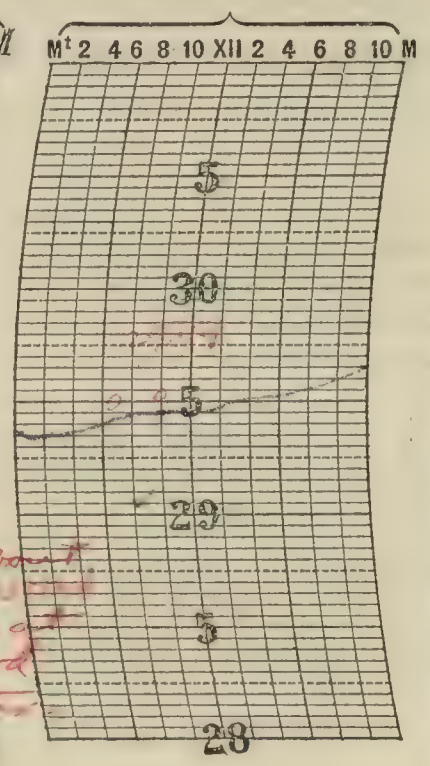
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

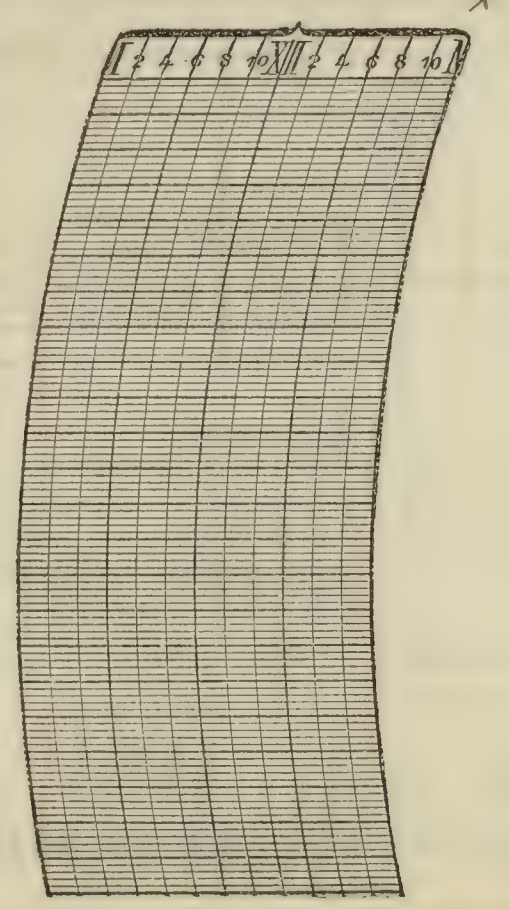
Accumulated depths during excessive rate, for consecutive periods of time indicated below.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts														

* Interpolated.

NOTES.







Prepared by S. P. P.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) Mar 9 1918, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	37	36	34	35	33	33	36	40	41	42	42	44	48	50	50	48	46	48	45	44	45	44	45
						+1	+1								0									
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions			Clear						Cloudy						Clear		Pt Cloudy		Cloudy					
			Pt Cloudy																					
Sunrise: Time, 6:37 Character, Clear																								
Sunset: Time, 4:43 Character, Cloudy																								
Sunshine (in tenths of hours)							.38 0	1.0 0	0.3 0.4	0	0	0	0	0.3	0.7	0.2 0.3	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	SW	SW	SW	S	S	SE	SE	SE	SE	SE	S	SE	SE	S
Wind movement	9	5	5	3	5	6	4	3	4	4	3	5	5	5	6	5	5	6	7	7	6	4	5	5
Maximum velocities (exceeding 25 miles) direction and time																								

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

	Maximum.	Minimum.	Mean.	Normal.
	51	33		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cldy Moon phase,

Average daily cloudiness (0-10) 5

Actual sunshine, hours, 3.6

Possible sunshine, hours, 10.1

Percentage of possible sunshine, 36

Prevailing direction West

Total movement, 122

Average hourly velocity, 5.1

	Maximum velocity,	Direction,	Time.
	12	W	12:07 am
Highest vel.	12	W	12:07 am

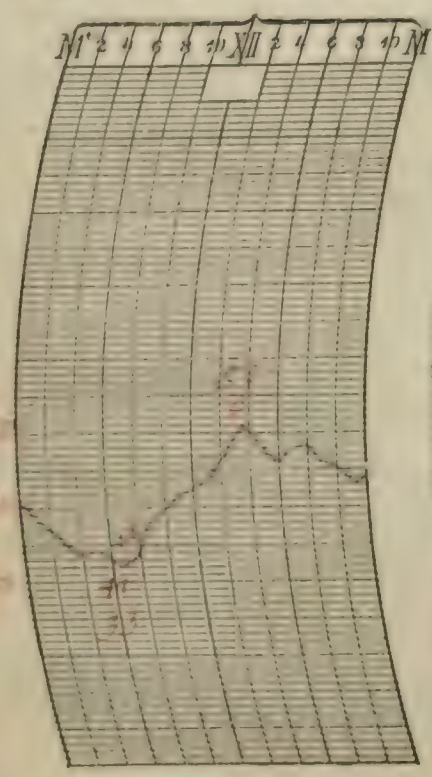
Relative humidity, 71 a. m. p. m.

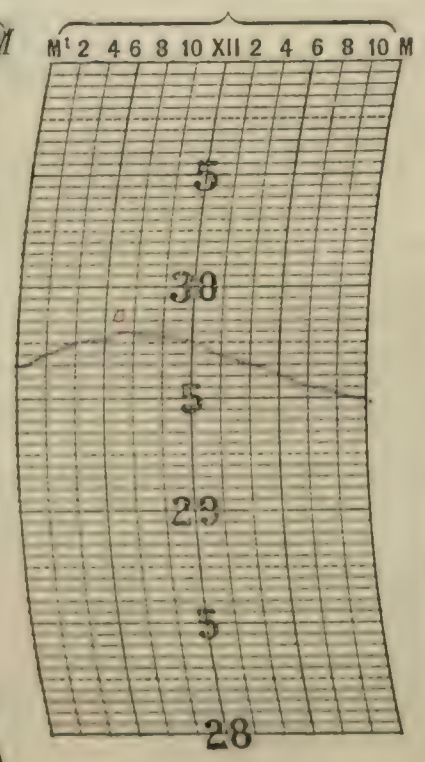
Reduced barometer, 30.38 a. m. p. m.

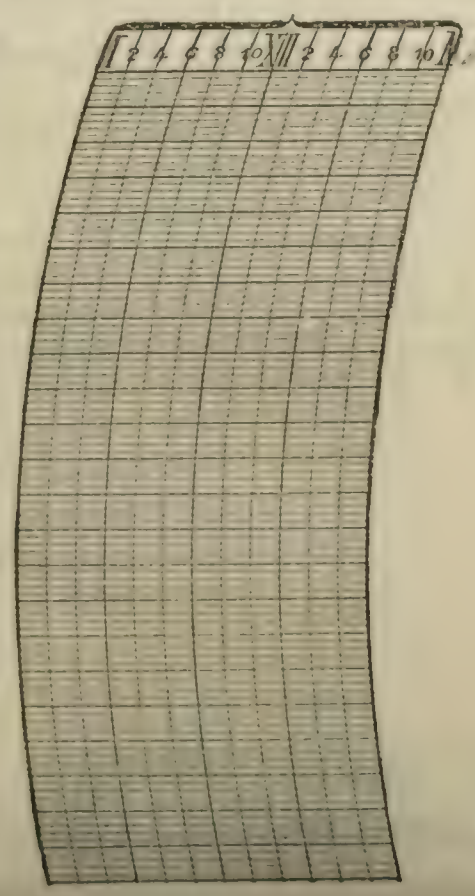
River gage, 16.4 rising

NOTES.

First crack formed Dela was opened at 7.3 a.m.







Prepared by S. L. L.

Verified by

B—186

Form No. 1014—Met. I.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE, ILL., (Day of week) Sunday, (Date) NOV. 1910, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	49	48	47	47	49	50	53	57	60	63	65
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			—	Pt Cldy				* Clear				
Sunrise: Time, Character	6:38 Cloudy											
Sunshine (in tenths of hours)							.27 0	1.0 0	0.6 0.4	1.0	1.0	1.0
Wind direction	5	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	6	9	4	2	3	5	5	5	9	15	14	15

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	68	67	66	64	61	60	58	56	55	55	54
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			* Pt Cldy					* Clear				
Sunset: Time, Character									4:42 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.8 0.2	.70 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	SW	SW
Wind movement	14	13	13	10	4	3	4	4	6	4	7	5

Maximum.	Minimum.	Mean.	Normal.
68	45	56	40

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 3

Actual sunshine, hours, 10.0

Possible sunshine, hours, 10.1

Percentage of possible sunshine, 99

Prevailing direction Southwest

Total movement, 179

Average hourly velocity, 7.5

Maximum velocity,	Direction,	Time.
18	SW	12:42 pm
Extreme vel., 19	W	10:12 am

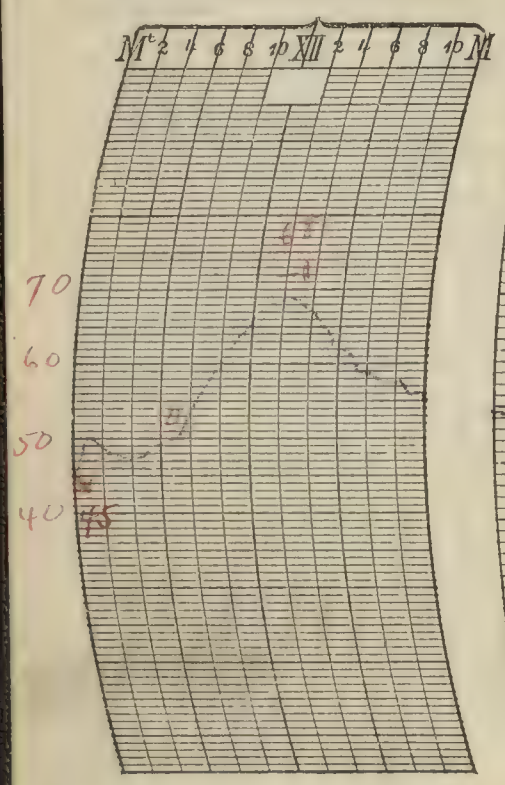
Relative humidity, 65 a. m. ____ p. m.

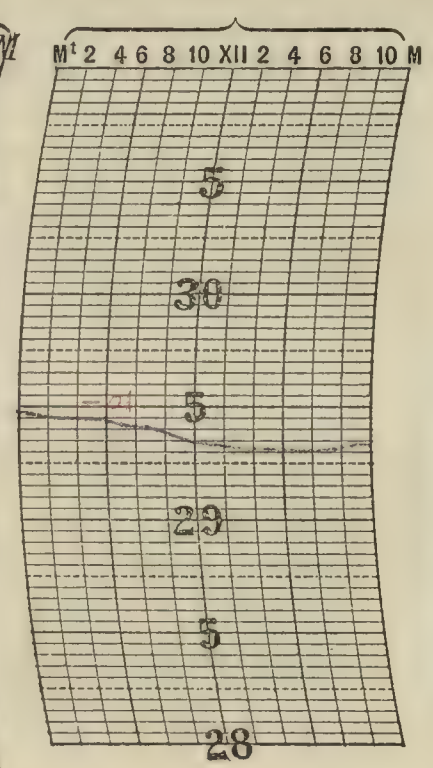
Reduced barometer, 30.00 a. m. ____ p. m.

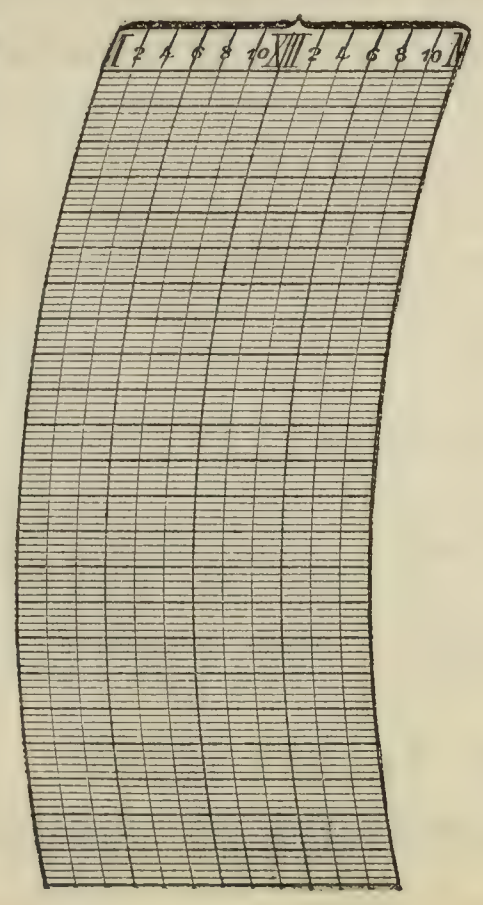
River gage, 16.5 rising

Maximum velocity (exceeding 25 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.







NOTES.

Prepared by S. P. S.
Verified by S. P. S.

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LASALLE ILL, (Day of week) Monday, (Date) NOV 1 [illegible], 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	51	58	59	57	53	54	59	63	65	67	69
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			—		Pt Cldy		—	* Clear		—		
Sunrise: Time, Character,	6:39 Clear											
Sunshine (in tenths of hours)							.35 0	1.0 0	0.1 0.9	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	4	7	10	12	12	8	12	10	12	19	20	22
Maximum velocities (exceeding 25 miles) direction and time												SW 27

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	70	69	69	67	66	64	64	63	62	[illegible]	61
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		* Pt Cl.	* Cloudy									
Sunset: Time, Character,									4:41 Cloudy			
Sunshine (in tenths of hours)	1.0	0.9	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	18	19	16	15	13	8	10	5	7	6	4	5
Maximum velocities (exceeding 25 miles) direction and time		1:15 SW 25										

Excessive precipitation, accumulated amounts.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	76	50	[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cldy Moon phase,

Average daily cloudiness (0-10) 5

Actual sunshine, hours, 7.2

Possible sunshine, hours, 10.0

Percentage of possible sunshine, 72

Prevailing direction Southwest

Total movement, 274

Average hourly velocity, 11.4

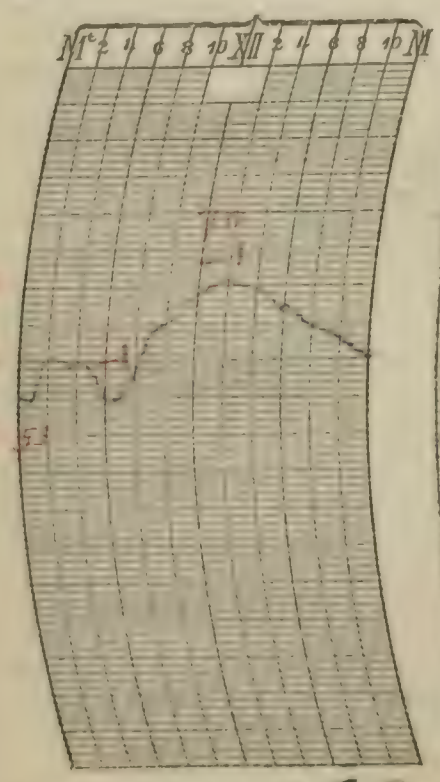
	Maximum. velocity,	Direction,	Time.
	27	SW	11:24 am
Extreme vel.	29	SW	11:23 [illegible]

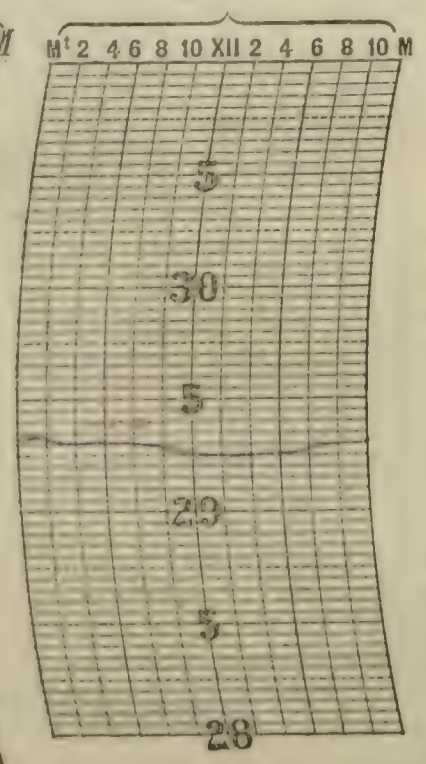
Relative humidity, 73 a. m. p. m.

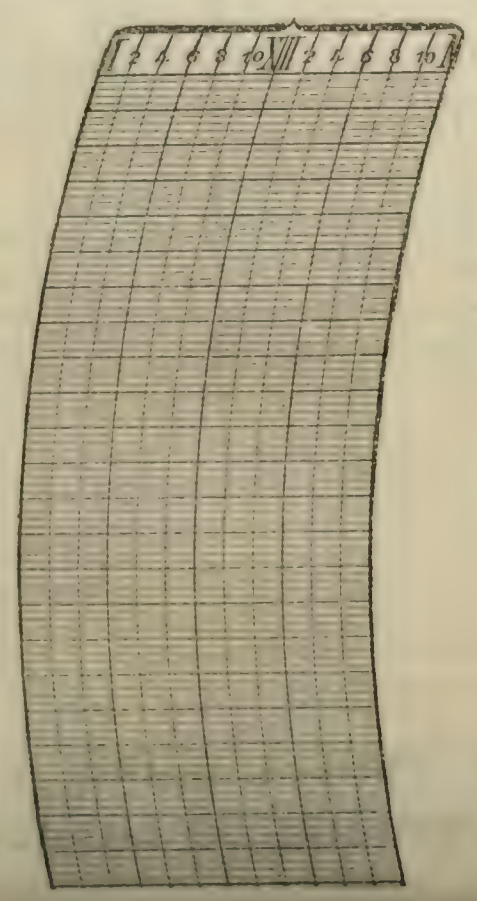
Reduced barometer, 29.85 a. m. p. m.

River gage, [illegible]

NOTES.







Prepared by [illegible]

Verified by

8—486

Form No. 1014—Met. I.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) NOV 12 1912, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	61	62	61	59	58	58	58	58	60	64	66	65
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			—	Cloudy	—			X	PC	X	Cloudy	—
Sunrise: Time, Character, 6:40 Cloudy												
Sunshine (in tenths of hours)							0	0	0.5	0.2	0.4	0.4
Wind direction	SW	SW	SW	SW	SW	SW	S	S	SE	S	SW	S
Wind movement	4	9	10	7	6	6	5	3	4	8	8	10
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	64	65	66	65	64	62	55	55	55	54	54	52
State of weather: Nature of precipitation and time of beginning and ending	RB 12:35	RE 1:15 RB 1:34 RE 1:40				RB 5:40						
Amounts of precipitation	.01	T				T	.16	.07	.02	T		
Cloudiness and other conditions												
Sunset: Time, Character, 4:40 Cloudy												
Sunshine (in tenths of hours)	0.1	0	0.3	0	0							
Wind direction	S	S	S	S	SE	SE	S	W	SW	E	E	SW
Wind movement	11	12	12	12	7	7	11	5	5	2	2	9
Maximum velocities (exceeding 25 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
67	52	60	57

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .17 ins.

Total precipitation, midnight to midnight, .26 inches.

Character of day, Cloudy, Moon phase,

Average daily cloudiness (0–10) 8

Actual sunshine, hours, 1.9

Possible sunshine, hours, 10.0

Percentage of possible sunshine, 19

Prevailing direction South & Southwest

Total movement, 175

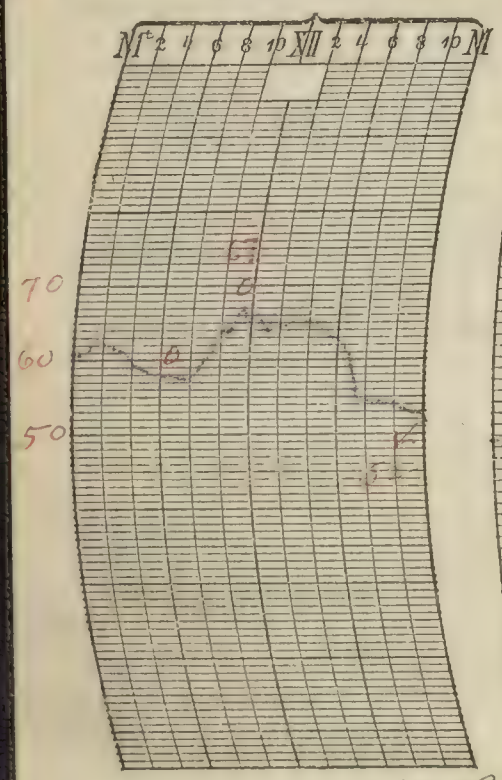
Average hourly velocity, 7.3

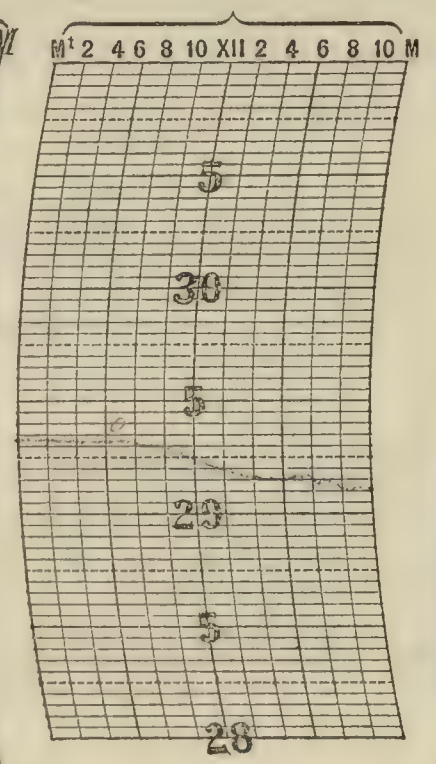
Maximum velocity,	Direction,	Time.
23	SW	6:42 pm
Extreme vel. 25	SW	6:43 pm

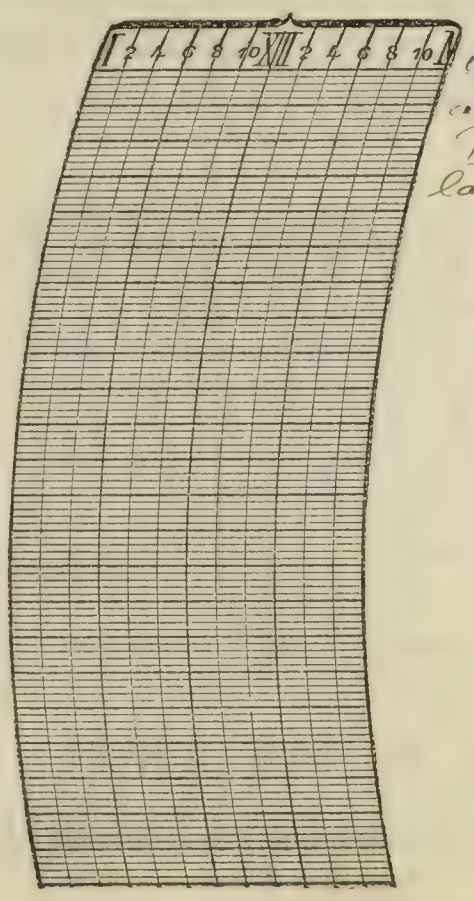
Relative humidity, 80 a. m. p. m.

Reduced barometer, 29.88 a. m. p. m.

River gage, 16.4, falling







NOTES.

Thunderstorm: First and last thunder heard at 1:39 pm. Storm came from S.W.

Thunderstorm: First thunder heard at 5:45 pm. last heard at 9:00 pm. Storm came from S.W.

Prepared by S. P. S.

Verified by S. P. S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE ILL., (Day of week) Wednesday, (Date) NOV 13 1912, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	50	48	46	45	40	39	37	37	38 RE 8:15	39	41	41	41	41 +1	40	39	39	39	39	39	37	39	38	38
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation		.03	.04	.07	.04	.03	T	T	T															
Cloudiness and other conditions												Cloudy												
Sunrise: Time, 6:41 Character, Cloudy																					Sunset: Time, 4:40 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	13	10	10	12	16	16	17	15	15	16	14	16	15	15	14	14	12	10	9	9	10	10	10	11
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
52	36	44	39

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches

Precipitation to 7 a. m., .30 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .31 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 10.0

Percentage of possible sunshine, 0

Prevailing direction Northwest

Total movement, 309

Average hourly velocity, 12.9

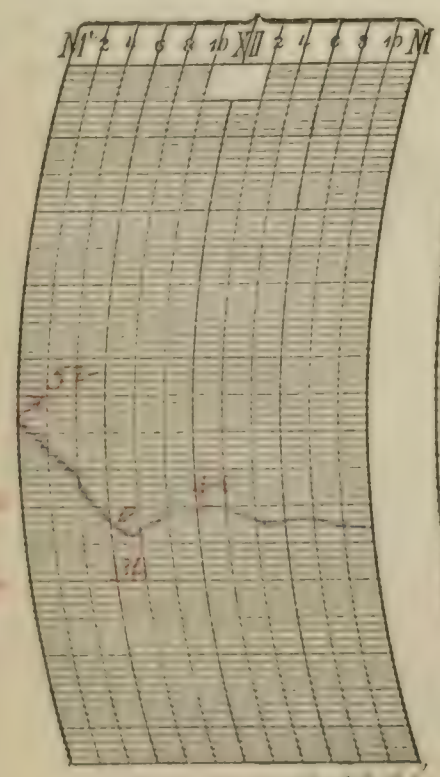
Maximum velocity.	Direction.	Time.
21	NW	9:53 am
EXTREME VEL. 25	NW	9:15 pm

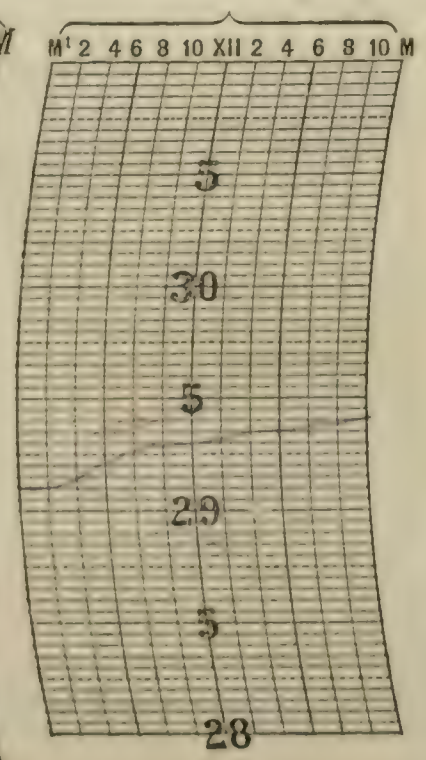
Relative humidity, 81 a. m. p. m.

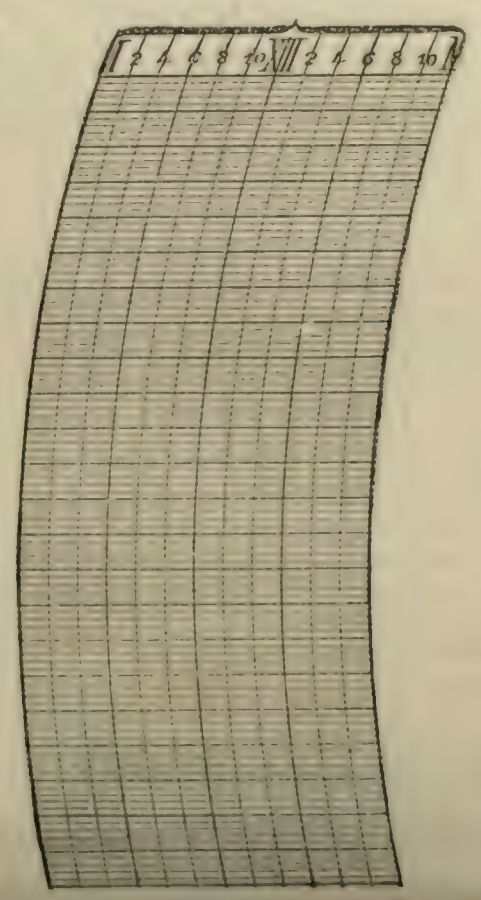
Reduced barometer, 29.78 a. m. p. m.

River gage, 16.3 ft. Falling

NOTES.







Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE, ILL., (Day of week) Thursday, (Date) NOV. 1 & 2, 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	37	37	36	34	33	32	31 (+1)	32	33	35	37	39
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions											Clear	
Sunrise: Time, 6:43 Character, Clear												
Sunshine (in tenths of hours)							.28 0	1.0 0	0.4 0.6	1.0	1.0	1.0
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	12	12	14	14	12	12	11	10	14	15	13	14
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	40	42	43 (+1)	43	40	38	35	34	33	32	31	30
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Moon visible							
Sunset: Time, 4:39 Character, Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.5 0.5	.65 0							
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	15	14	12	10	5	6	4	4	3	3	4	3
Maximum velocities (exceeding 25 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum.	Minimum.	Mean.	Normal.
43	30	36	38

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) few

Actual sunshine, hours, 9.9

Possible sunshine, hours, 9.9

Percentage of possible sunshine, 100

Prevailing direction Northwest

Total movement, 236

Average hourly velocity, 9.8

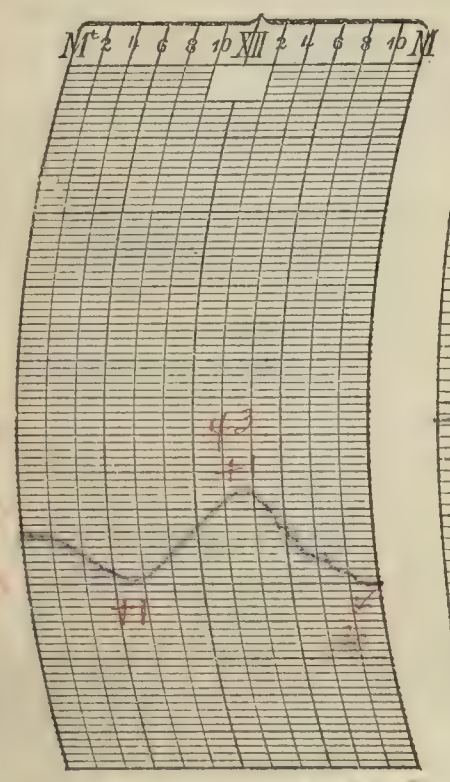
Maximum velocity,	Direction,	Time.
19	NW	2:47 am
	21 – NW	– 2:46 am

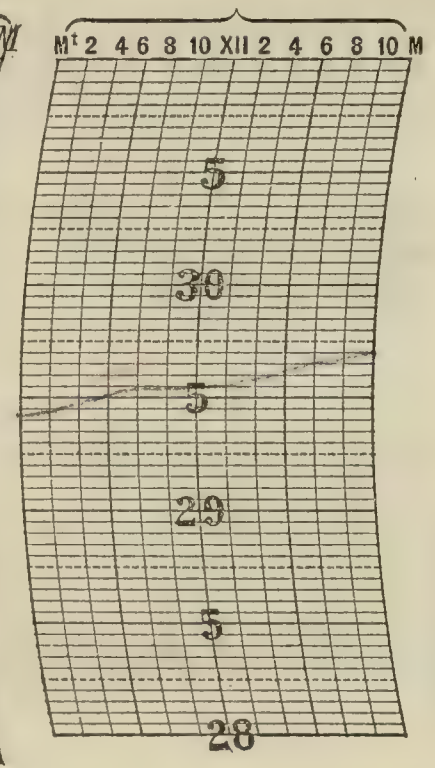
Relative humidity, 77 a. m. p. m.

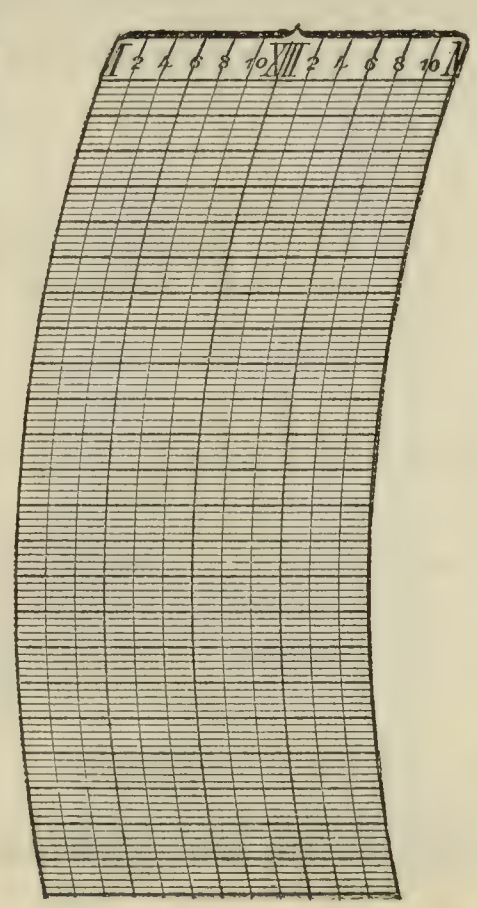
Reduced barometer, 30.08 a. m. p. m.

River gage, 16.05, rising

NOTES.







Prepared by E. F. C.
Verified by S. F.

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) Friday, (Date) [illegible], 191

Time (local standard), 90 m.r.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	28	27	27	25	25	25	25	27	28	40	42
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear		×	×	Clear			
				Lt fog				××	Lt fog →			
Sunrise: Time, Character,	6:44 Foggy											
Sunshine (in tenths of hours)							0	×0.3	×1.0	×1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	0	W	0	W	NE	SW
Wind movement	3	1	2	1	1	1	0	1	0	[illegible]	[illegible]	[illegible]

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	44	45	44	42	40	38	36	36	35	[illegible]	[illegible]
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Moon visible						
Sunset: Time, Character,									4:28 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.7 0.3 0.2	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	SW	SW
Wind movement	5	5	5	4	2	3	2	2	3	4	3	4

Excessive precipitation, accumulated amount

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
45	25	[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 1

Actual sunshine, hours, 8.9

Possible sunshine, hours, 9.7

Percentage of possible sunshine, 76

Prevailing direction Southwest

Total movement, 59

Average hourly velocity, [illegible]

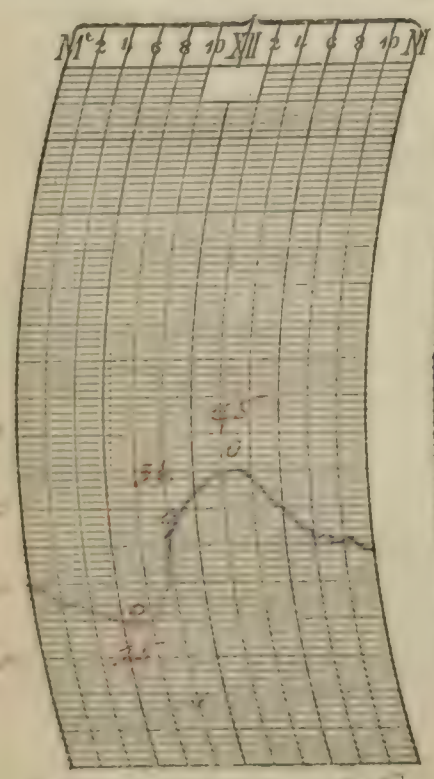
Maximum velocity.	Direction.	Time.
6	SW	[illegible]

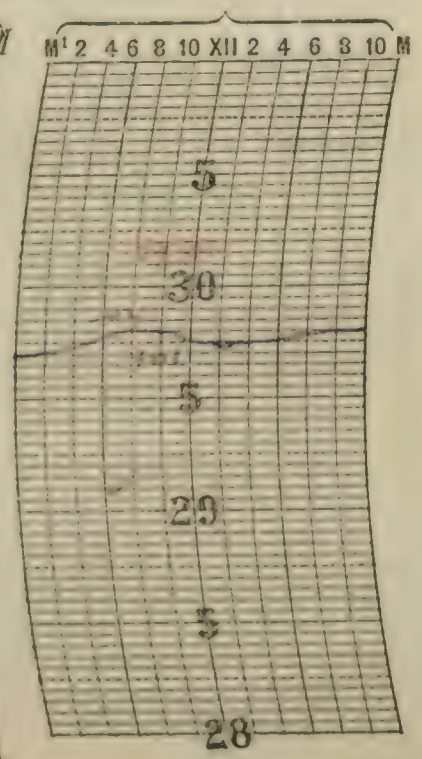
Relative humidity, 78 a. m. p. m.

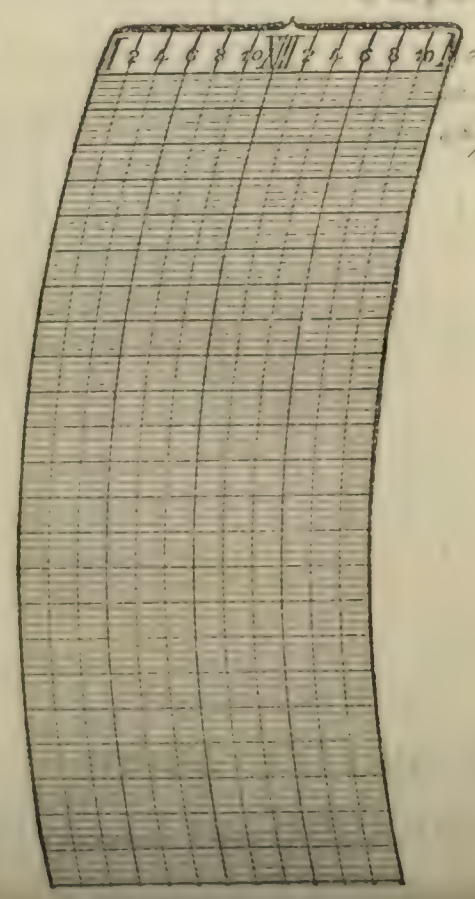
Reduced barometer, [illegible] a. m. p. m.

River gage, [illegible]

Excessive precipitation, accumulated amount







NOTES.

* See Meteorologic.

The fog formed D lla; it became dense at 7 a.m. changed to light again at 7:40 a.m., and disappeared at [illegible]

Prepared by [illegible]

Verified by [illegible]

9—126

Form No. 1012—Sec. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL, (Day of week) Saturday, (Date) NOV 1 [illegible], 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	33	32	31	31	32	34	35	34	35	37	43	45	45	46	45	43	41	40	38	36	34	34	
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear								Cloudy				Clear											
Sunshine (in tenths of hours)							0	1.0	0.2	0	0.1	1.0	1.0	0.8	1.0	0.9 0.1	.62 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	3	4	4	3	3	4	6	10	12	11	10	12	14	13	12	9	8	7	7	7	7	5	8	6
Maximum velocities (exceeding 25 miles) direction and time																								

Sunrise: Time, 6:45 Character, Smoky

Sunset: Time, 4:37 Character, Clear

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
46	21	35	37

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, 0 0 1 Moon phase, D [illegible]

Average daily cloudiness (0-10) 3

Actual sunshine, hours, 6.7

Possible sunshine, hours, 9.9

Percentage of possible sunshine, 68

Prevailing direction West

Total movement, 187

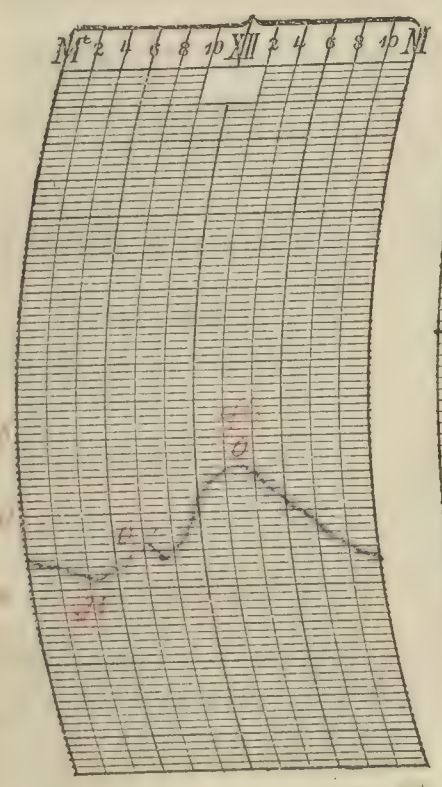
Average hourly velocity, 7.8

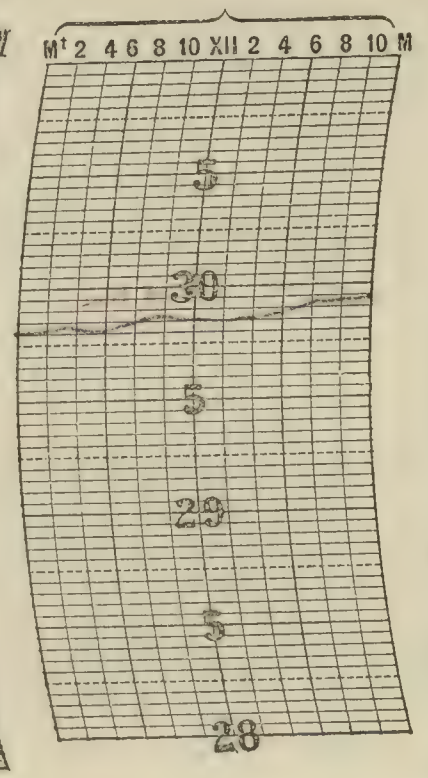
Maximum velocity,	Direction,	Time.
17	W	8:43 am
18	W	8:44 a

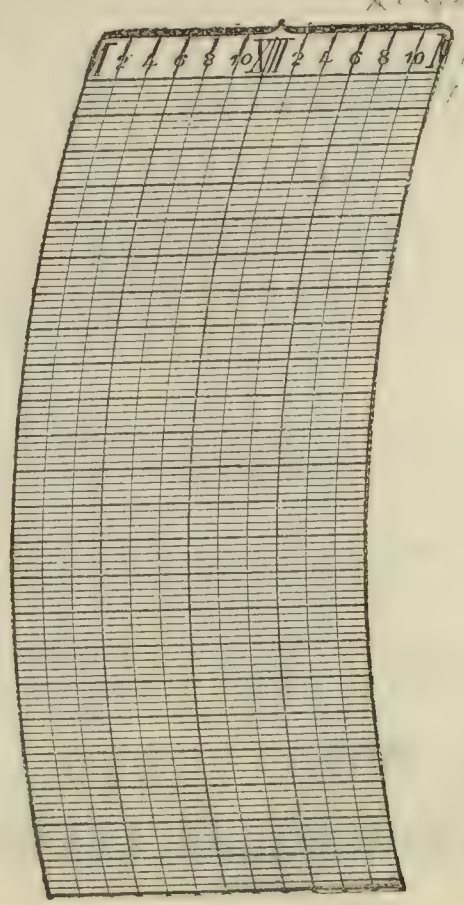
Relative humidity, 75 a. m. ____ p. m.

Reduced barometer, 30.41 a. m. ____ p. m.

River gage, 16.6 on stand







NOTES.

Light smoke formed N.W. and disappeared at 10:30 a.m.

Prepared by S. P.

Verified by S. P.

8—486

Form No. 1011—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) NOV 17 1912, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	33	32	31	31	30	29	+1 29	30	32	36	40	44
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions											Clear	
Sunrise: Time, Character,	6:46 Clear											
Sunshine (in tenths of hours)							.23 0	1.0 0	0.5 ×	× 1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	SW
Wind movement	6	4	6	6	5	5	6	7	7	5	9	11
Maximum velocity (exceeding 25 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	46	48	0 49	48	43	42	42	41				
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Moon visible							
Sunset: Time, Character,									4:36 Clear			
Sunshine (in tenths of hours)	1.0	× 1.0	× 1.0	0.7 0.3	.6 0							
Wind direction	SW	SW	W	SW	SW	SW	SW	SW	SW	W	W	W
Wind movement	11	11	12	10	7	7	11	14	10	9	11	11

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
49	29	37	37

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10)

Actual sunshine, hours, 9.8

Possible sunshine, hours, 9.8

Percentage of possible sunshine, 100

Prevailing direction West

Total movement, 202

Average hourly velocity, 8.4

Maximum velocity,	Direction,	Time.
15	SW	2:34 p.m.
	16-SW	2:33 p.m.

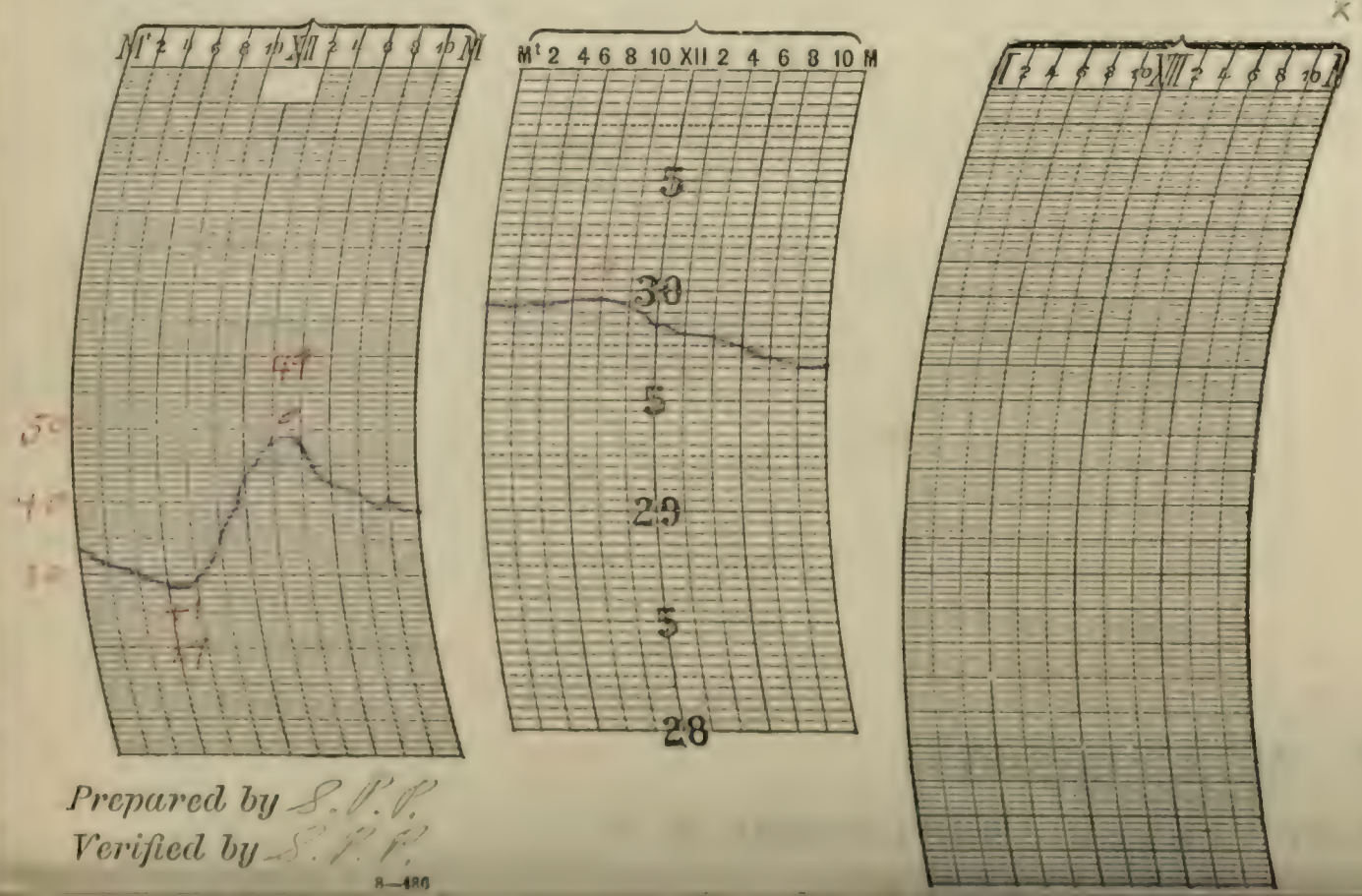
Relative humidity, 85 a. m. p. m.

Reduced barometer, 30.54 a. m. p. m.

River gage, 16.7 rising

Kept observations.

NOTES.



Prepared by S. V. P.
Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Monday, (Date) NOV 18 1912, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	37	36	35	35	34	33	34	35	40	43	46	50
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunrise: Time, Character,	6:47 Clear											
Sunshine (in tenths of hours)							.22 0	1.0 0	0.4 0.6	1.0	1.0	1.0
Wind direction	W	W	W	W	SW	SW	W	SW	SW	SW	SW	SW
Wind movement	6	3	4	4	5	6	7	9	9	7	8	9
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	54	55	56	54	51	49	47	46	47	45		
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, Character,									4:35 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.7 0.3	.58 .2							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	9	10	12	10	10	8	7	9	9	7	8	9
Maximum velocities (exceeding 25 miles) direction and time												

Clear — Moon visible

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
56	33	44	37

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) Low

Actual sunshine, hours, 9.8

Possible sunshine, hours, 9.8

Percentage of possible sunshine, 100

Prevailing direction Southwest

Total movement, 185

Average hourly velocity, 7.7

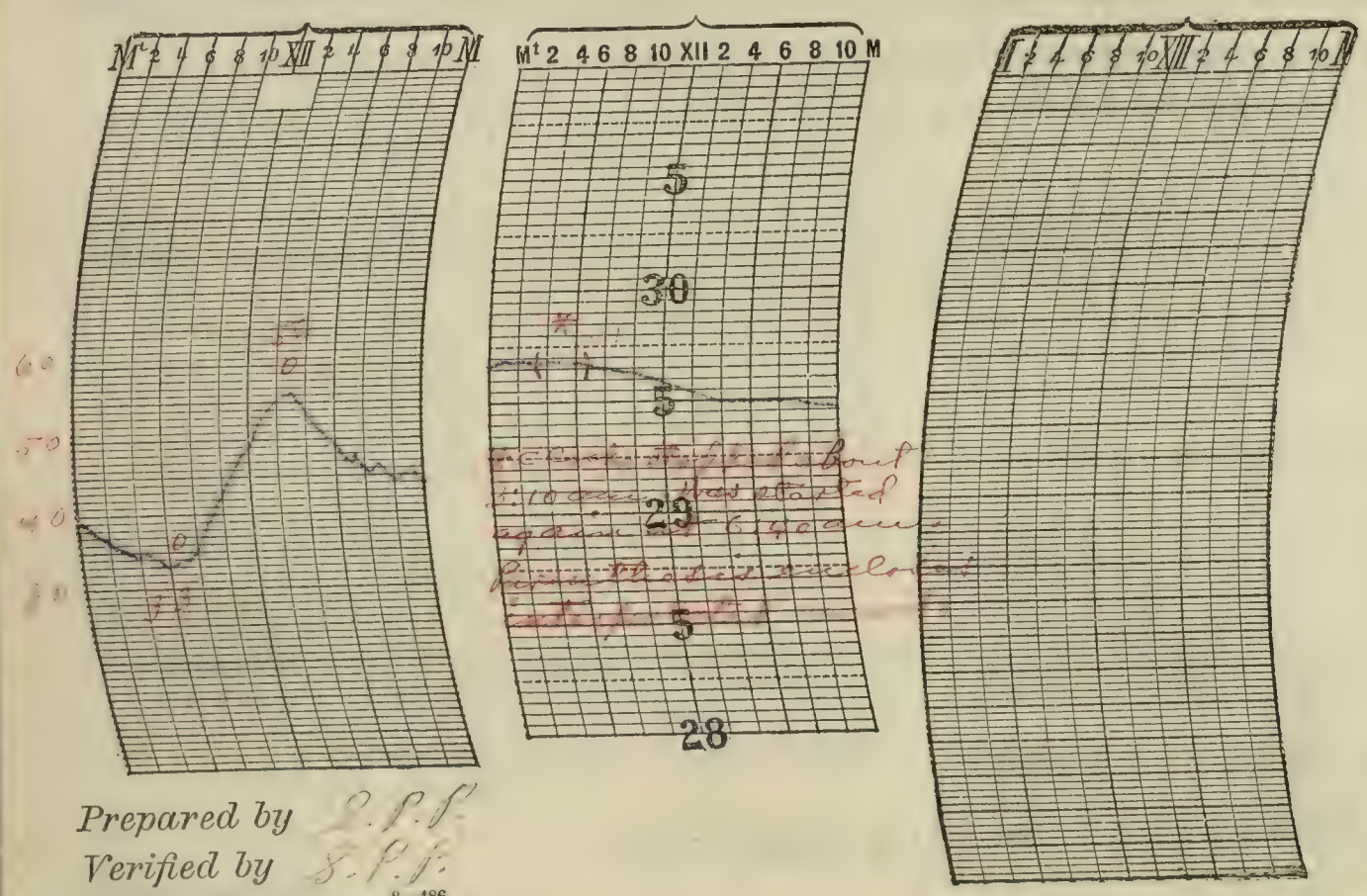
Maximum velocity,	Direction,	Time.
15	SW	2:15 p. m.
	15 - SW	2.

Relative humidity, 77 a. m. p. m.

Reduced barometer, 30.24 a. m. p. m.

River gage, 16.5 p. m.

NOTES.



Prepared by S. P. S.
Verified by S. P. S.

8—486

Form No. 1014—MeU'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL., (Day of week) Tuesday, (Date) NOV 1 9 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	41	40	39	39	38	38	39	42	46	49	53	58	60	61	58	56	52	50	49	46	46	44	42
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Alone						Clear											Mostly cloudy						
Sunrise: Time, Character, 6:48 Clear																					Sunset: Time, Character, 4:25 Cloudy			
Sunshine (in tenths of hours)							.20 0	1.0 0	0.9 0.1	1.0	1.0	1.0	× 1.0	1.0	× 1.0	0.9 0.1	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	6	6	5	7	9	8	7	7	6	6	5		8	9	7	6	5	3	6	5	4	4	2	1

Maximum velocity (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
61	37	47	36

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase.

Average daily cloudiness (0-10) 1

Actual sunshine, hours, 9.8

Possible sunshine, hours, 9.8

Percentage of possible sunshine, 100

Prevailing direction Southwest

Total movement, 138

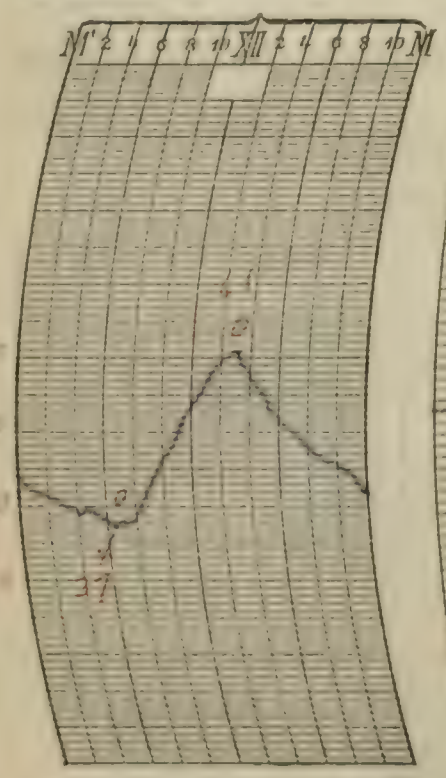
Average hourly velocity, 5.8

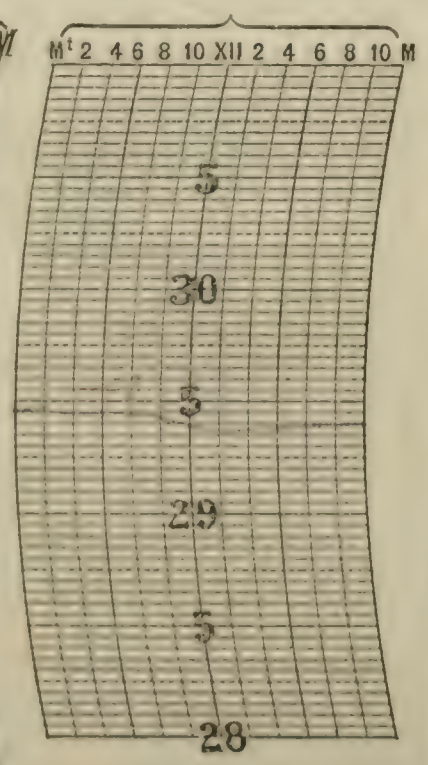
Maximum velocity,	Direction,	Time,
11	SW	11 SW — 11:31 p. m.

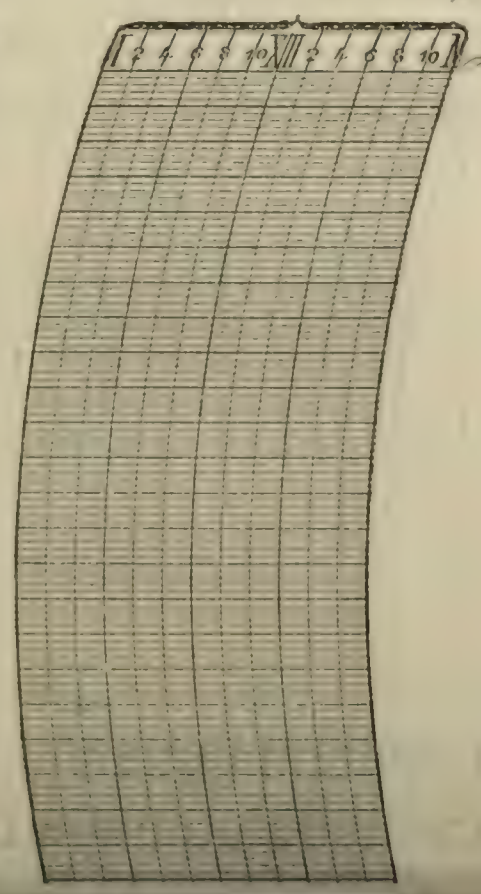
Relative humidity, 83 a. m. p. m.

Reduced barometer, 28.[illegible] a. m. p. m.

River gage, 16.5 on scale







NOTES.

Eclipse observation.
Lunar corona observed at 6 p. m.

Prepared by [illegible]
Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) NOV 20 1912, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	39	40	40	40	39	40	41	42	48	56	58	61
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Moon		Clear				X		Partly			
	Visibe											
Sunshine (in tenths of hours)							.17 0	1.0 0	0.4 0.6	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	SW	SW	SW	SW
Wind movement	2	3	2	3	2	2	7	4	7	7	16	15

Sunrise: Time, 6:50 Character, Clear

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	65	64	65	63	54	59	56	54	55	53	[illegible]	[illegible]
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Moon		Visible				
								X	Clear			
Sunshine (in tenths of hours)	1.0	X 1.0	X 1.0	0.6 0.4	.57 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	16	14	11	12	6	6	10	12	15	8	8	7

Sunset: Time, 4:34 Character, Clear

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
65	38	52	36

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Partly Cloudy Moon phase,

Average daily cloudiness (0–10) 6

Actual sunshine, hours, 9.7

Possible sunshine, hours, 9.7

Percentage of possible sunshine, 100

Prevailing direction Southwest

Total movement, 195

Average hourly velocity, 8.1

Maximum velocity,	Direction,	Time.
18	SW	11:23 am
	21 – SW	11:24 am

Relative humidity, 77 a. m. ____ p. m.

Reduced barometer, 29.93 a. m. ____ p. m.

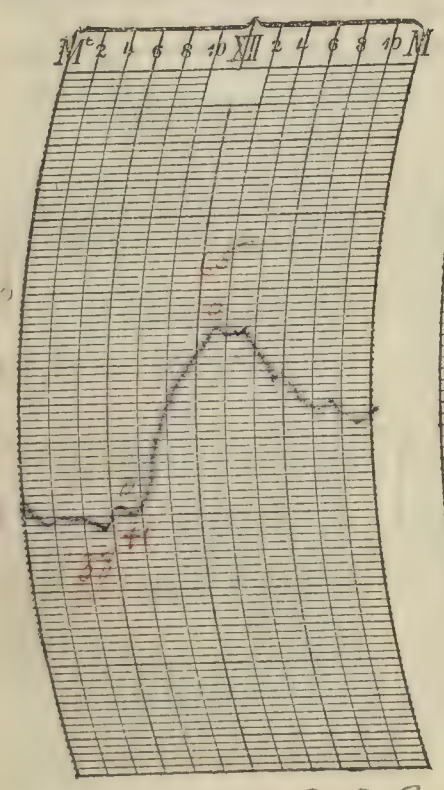
River gage, 16.3 falling

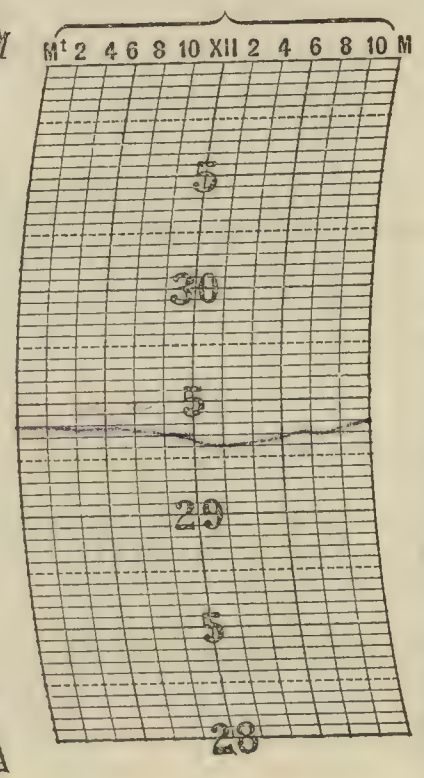
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

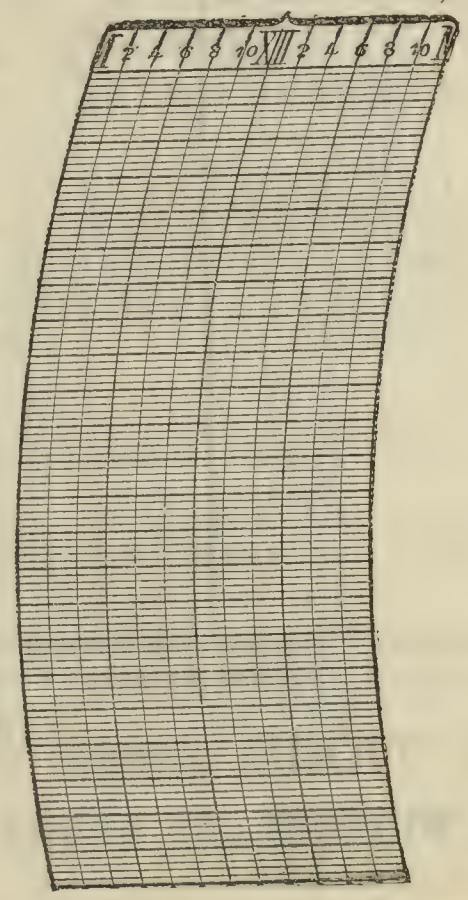
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

X Equipment [illegible]

NOTES.







Prepared by S. P. P.

Verified by S. P. P.

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) [illegible] 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	53	51	50	49	47	45	46	41	43	44	47
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear							Clear				
Sunrise: Time, 6:51 Character, Clear												
Sunshine (in tenths of hours)							.5 0	1.0 0	.7 0.3	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	W	W	W	W	W	W	SW	W
Wind movement	9	9	14	13	11	9	10	8	11	10	12	8
Maximum velocity (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	50	50	49	45	42	41	40	[illegible]	[illegible]	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		Partly					Clear	Clear			visible	
Sunset: Time, 4:43 Character, Clear												
Sunshine (in tenths of hours)	1.0	1.0	0.7	.5 0.1	.55 0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	9	11	10	9	7	5	5	5	5	4	5	6
Maximum velocity (exceeding 25 miles) direction and time												

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	54	[illegible]	44	—

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear. Moon phase.

Average daily cloudiness (0-10) 2

Actual sunshine, hours, 9.3

Possible sunshine, hours, 9.7

Percentage of possible sunshine, 96

Prevailing direction West

Total movement, 205

Average hourly velocity, 8.5

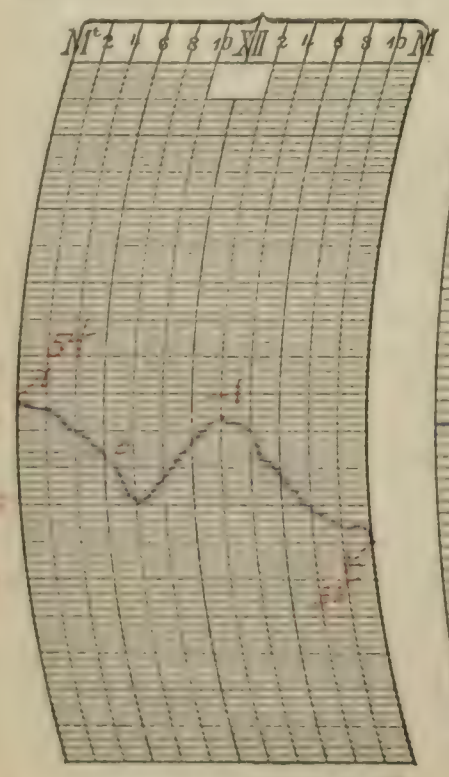
Maximum velocity,	Direction,	Time.
16	SW	2:12 a. m.
17	SW	2:12 p. m.

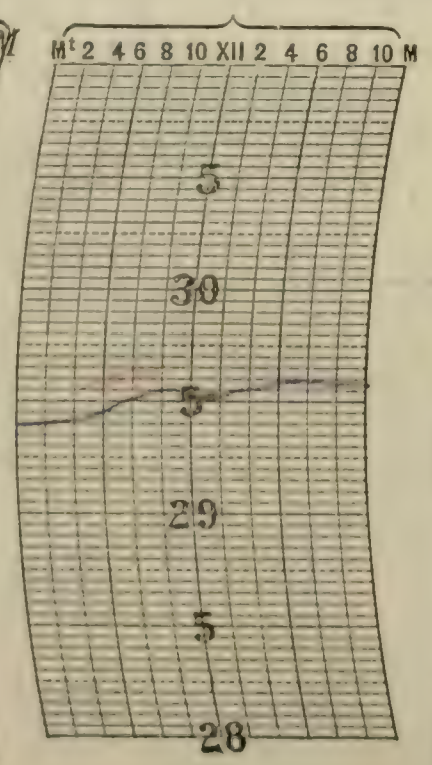
Relative humidity, 71 a. m. [illegible] p. m.

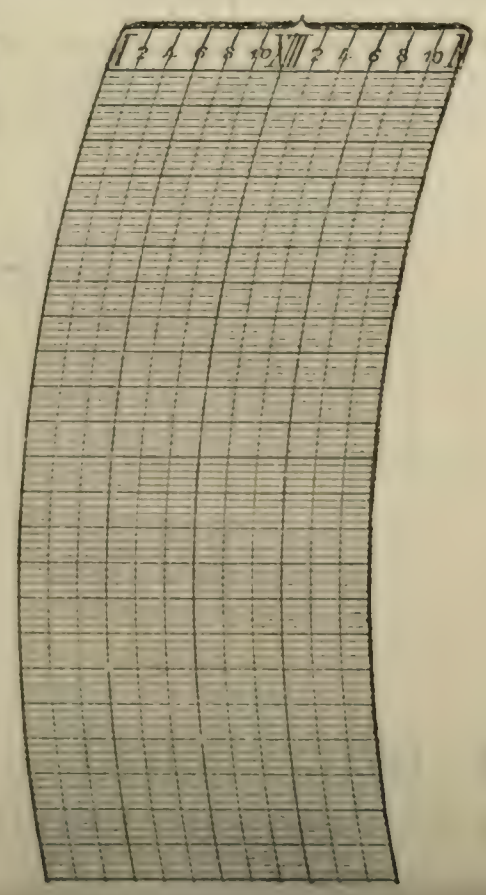
Reduced barometer, [illegible] a. m. [illegible] p. m.

River gage, 16.3, [illegible]

NOTES.







Prepared by S. P. R.
Verified by S. P. R.

8—456

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) Nov 2 1900, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	35	35	35	35	35	34	34	35			45	48
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Moon visible						Clear					
Sunrise: Time, Character,	6:52 Clear											
Sunshine (in tenths of hours)							.13 0	1.0 0	0.5 0.5	1.0	1.0	1.0
Wind direction	W	W	W	SW	SW	SW	SW	SW	W	W	W	W
Wind movement	4	4	4	7	9	11	7	9	7	8	6	5

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	52	52	51	50	48	47	45	43	42	42	44	
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		X Pt Cldy	X Cloudy				X Cloudy	X Clear	Moon visible			
Sunset: Time, Character,									4:33 Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	0.8	0	0							
Wind direction	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	5	8	9	7	5	4	4	5	2	6	10	9

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
52	34	43	35

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cldy Moon phase,

Average daily cloudiness (0–10) 4

Actual sunshine, hours, 7.9

Possible sunshine, hours, 9.7

Percentage of possible sunshine, 81

Prevailing direction Southwest

Total movement, 155

Average hourly velocity, 6.5

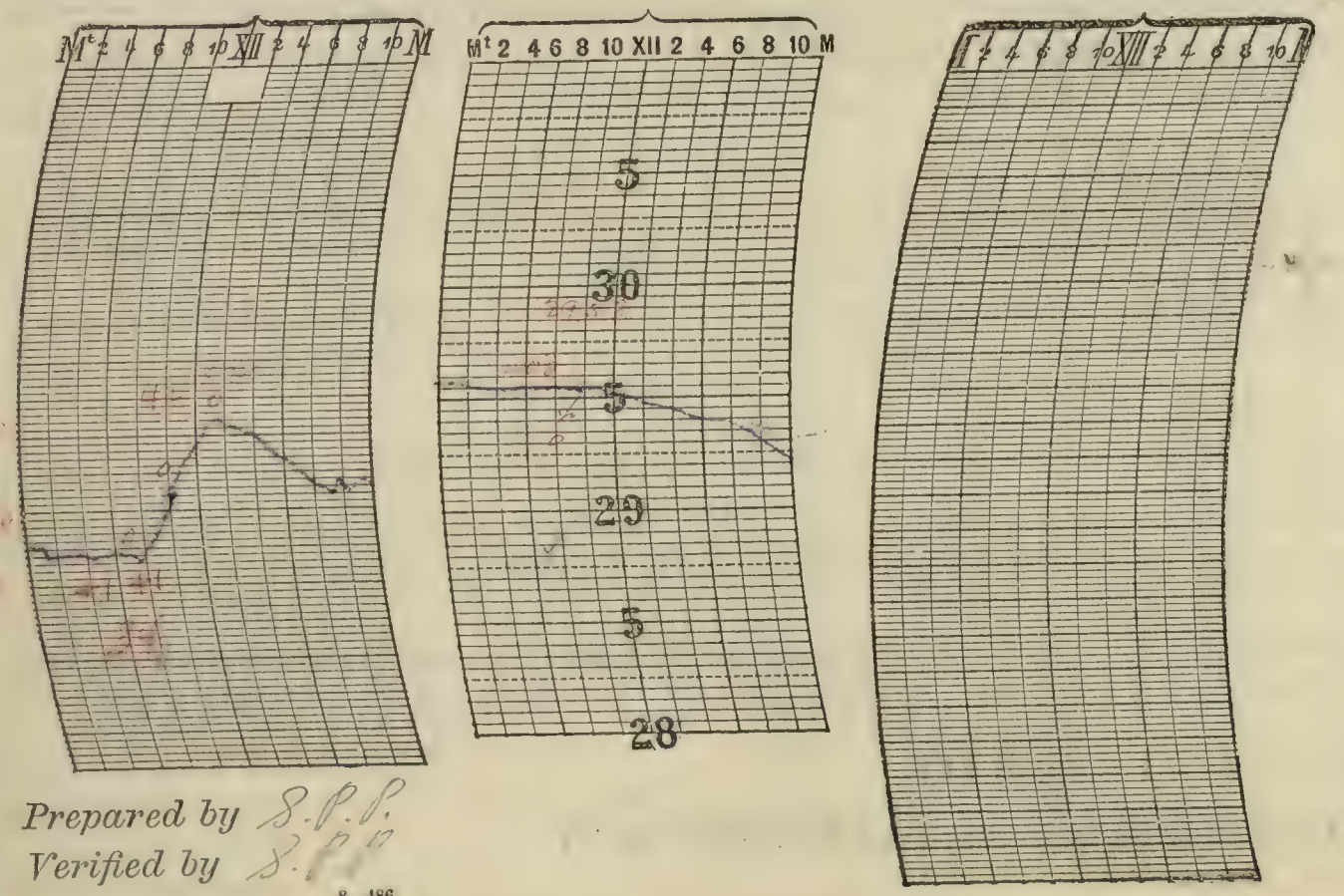
Maximum velocity,	Direction,	Time.
15	SW	10:54 pm
15	SW	10:54 pm

Relative humidity, 81 a. m. p. m.

Reduced barometer, 30.11 a. m. p. m.

River gage, 16.1, falling

NOTES.



Prepared by S. P. P.

Verified by S. P. P.

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) U.S. [illegible] ILL., (Day of week) Saturday, (Date) NOV 23 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	45	46	45	44	43	40 (+1)	39	39	38	39 (FCB 10:20, N E 10:35)	40
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation											T	
Cloudiness and other conditions	Moon visible		Clear					X	X Cloudy			
Sunrise: Time, Character,	6:53 Clear											
Sunshine (in tenths of hours)							.12 0	0.9 0	0	0	0	0
Wind direction	SW	SW	SW	W	W	W	W	W	NW	NW	NW	NW
Wind movement	9	12	14	15	16	16	20	19	20	21	21	20
Maximum velocity (exceeding 25 miles) direction and time							6:50 NW 26				10:21 NW 25	

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	40	42 (+1)	40	40	38	34	32	32	31	29	27
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			X X Cloudy	X X Partly Cloudy	X X Cloudy		X X Clear	Moon visible				
Sunset: Time, Character,										4:32 Cloudy		
Sunshine (in tenths of hours)	0	0	0.5	0.8	0							
Wind direction	NW	NW	NW	NW	W	W	W	W	NW	NW	W	W
Wind movement	21	21	20	21	16	16	19	19	17	15	13	13
Maximum velocity (exceeding 25 miles) direction and time	12:20 NW 26	1:12 W 25	2:25 NW 26	3:30 NW 28			6:24 W 25					

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
47	27	[illegible]	35

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Partly cloudy Moon phase.

Average daily cloudiness (0-10) 7

Actual sunshine, hours, 2.3

Possible sunshine, hours, 9.6

Percentage of possible sunshine, 24

Prevailing direction West

Total movement, 414

Average hourly velocity, 17.2

Maximum velocity,	Direction.	Time.
28	NW	3:30 p.m.
	30 — NW —	3:31 p.m.

Relative humidity, 68 a. m. p. m.

Reduced barometer, 29.45 a. m. p. m.

River gage, 16.0, falling

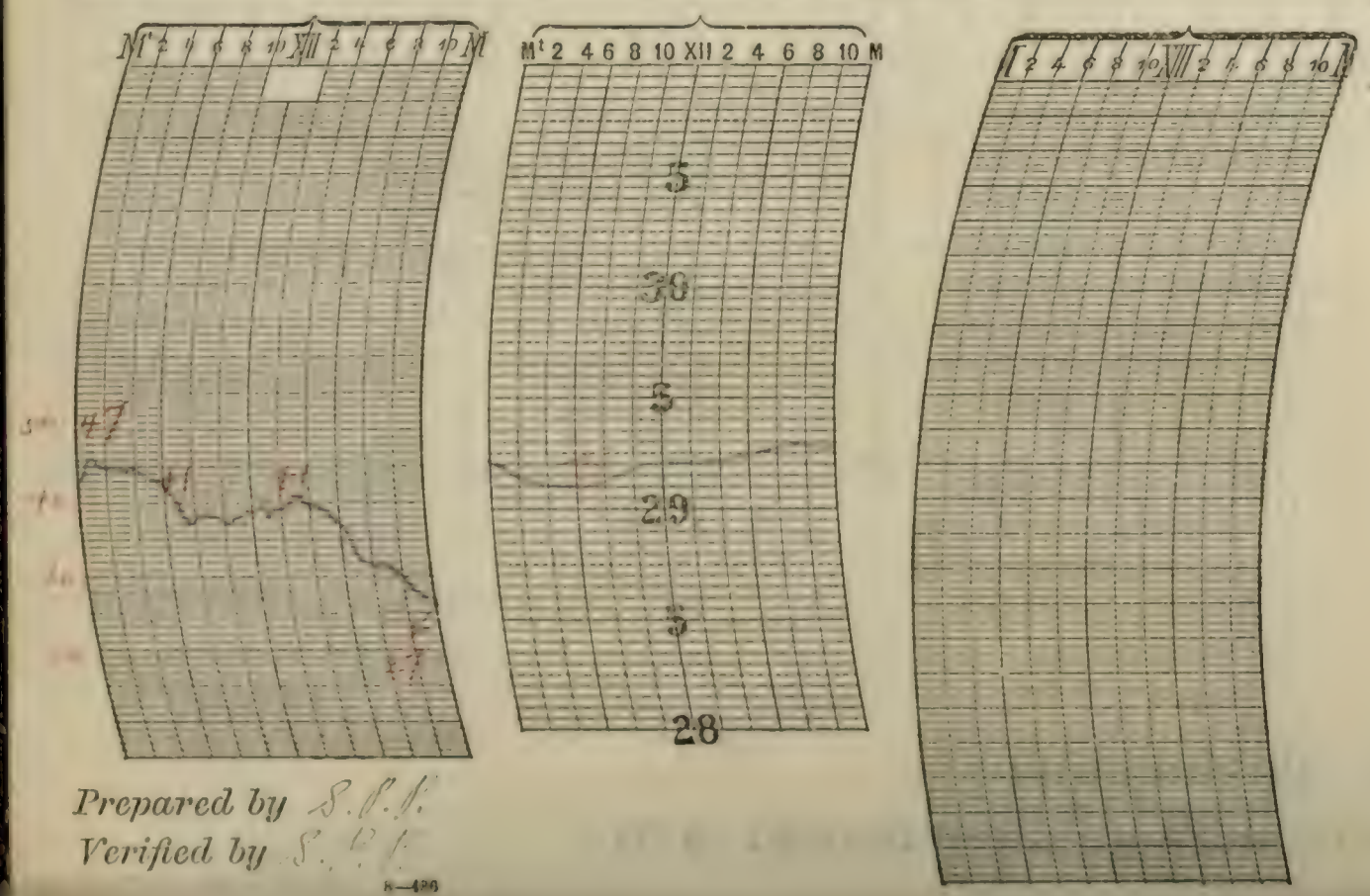
Excessive precipitation, accumulated amounts.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

* Eye observation.

NOTES.

The tipping bucket was taken down at 4:00 p.m.



Prepared by S. P. F.

Verified by S. P. F.

8—426

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) NOV 2 1919, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	27	26	+1 26	28	29	32	+1 33	34	36	36	36	36	+1 36	36	36	36	36	35	35	34	34	34	33	33
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation			T																					
Cloudiness and other conditions					Cloudy																			
Sunrise: Time, 6:54 Character, Cloudy																					Sunset: Time, 4:31 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	16	18	18	18	19	21	19	17	17	18	19	13	16	16	12	11	8	6	5	5	5	7	5	5
Maximum velocities (exceeding 25 miles) direction and time						5:14 W 25																		

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
37	26	32	34

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0.1 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase, O 10:11 a.m.

Average daily cloudiness (0–10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 9.6

Percentage of possible sunshine, 0

Prevailing direction Northwest

Total movement, 314

Average hourly velocity, 13.1

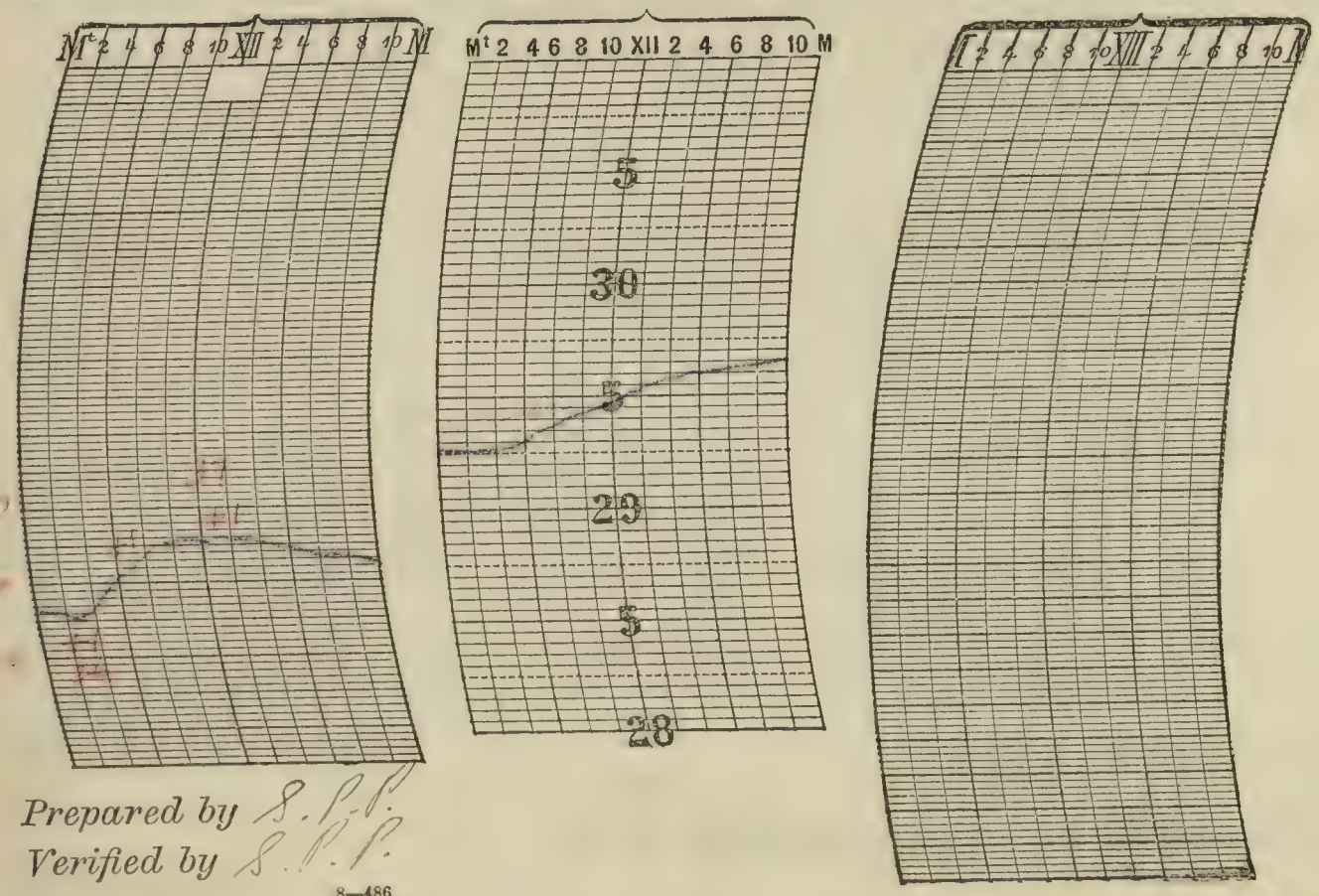
Maximum velocity,	Direction,	Time.
25	W	5:14 am
26	W	5:12 am

Relative humidity, 79 a. m. ____ p. m.

Reduced barometer, 29.81 a. m. ____ p. m.

River gage, 16.1, rising

NOTES.



Prepared by S. P. P.

Verified by S. P. P.

8—486

Form No. 1014—McC'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Monday, (Date) NOV. 25 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	31	30	29	28	27	26	26	29	32	34	34	35	34	34	34	32	32	34	35	31	31	36	35
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions			Clear				Pt Cldy		×	Cloudy						×	×	×	×	Cloudy				
Sunshine (in tenths of hours)							0	0	0	0.2	0.5	0.6	0.2	0	0	0.5 0	.52 0							
Wind direction	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W
Wind movement	6	5	5	5	6	5	4	4	6	8	12	14	13	13	10	12	9	6	6	12	14	14	11	12
Maximum velocities (exceeding 25 miles) direction and time																								

Sunrise: Time, 6:56 Character, Cloudy

Sunset: Time, 4:31 Character, Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
36	26	31	34

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cldy Moon phase,

Average daily cloudiness (0-10) 7

Actual sunshine, hours, 3.1

Possible sunshine, hours, 9.6

Percentage of possible sunshine, 32

Prevailing direction Southwest & West

Total movement, 212

Average hourly velocity, 8.8

Maximum velocity,	Direction,	Time.
17	SW	9:03 pm
Extreme Vel. 17	SW	9:03 pm

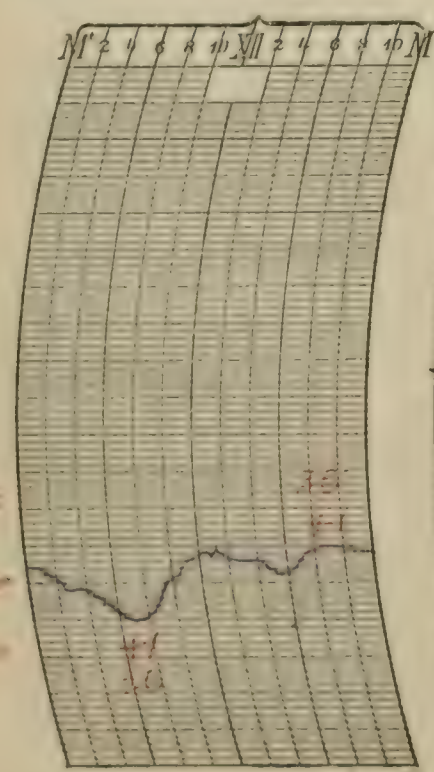
Relative humidity, 86 a. m. p. m.

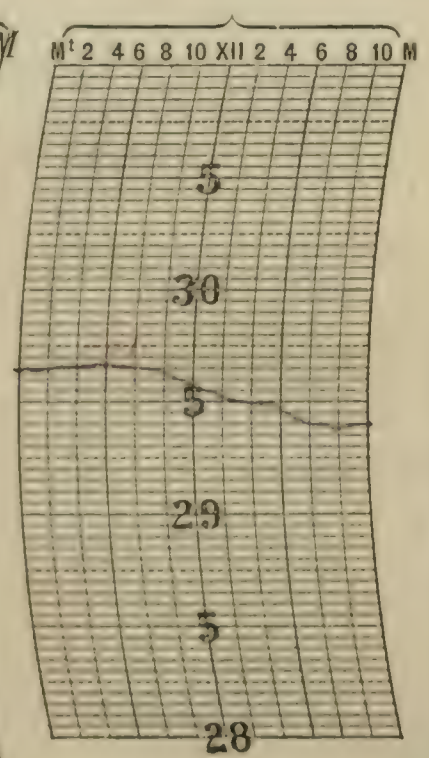
Reduced barometer, 30.25 a. m. p. m.

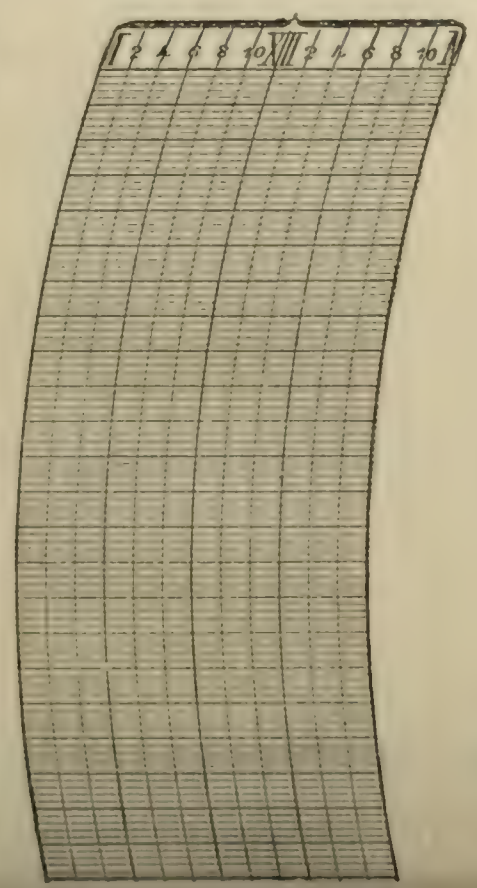
River gage, 1.59 falling

NOTES.

A lunar halo was observed at [illegible]







Prepared by [illegible]

Verified by [illegible]

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) Nov 2 6 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	34	34	32	30	29	28	28 (+2)	28	30	33	33	31
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Moon visible				Clear				X Partly	X Cloudy		
Sunrise: Time, Character,	6:57 Clear											
Sunshine (in tenths of hours)							.05 0	1.0 0	0.6 0	0.5	0.2	0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	13	12	7	8	8	8	7	7	10	11	14	15

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	31	33	34	35 (+1)	33	32	31	30	30			
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				X Partly Cloudy	X Clear				Moon visible			
Sunset: Time, Character,									4:20 Cloudy			
Sunshine (in tenths of hours)	X 0.2	X 0.1	X 0.2	0.6 0	.30 0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	16	17	15	13	10	8	9	7	8	8	7	7

Maximum.	Minimum.	Mean.	Normal.
35	28	32	34

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Partly Cloudy Moon phase,

Average daily cloudiness (0-10) 6

Actual sunshine, hours, 3.5

Possible sunshine, hours, 9.6

Percentage of possible sunshine, 40

Prevailing direction NW

Total movement, 249

Average hourly velocity, 10.4

Maximum velocity,	Direction,	Time.
21	W	12:17 pm
22	W	12:18 pm

Relative humidity, 82 a. m. ____ p. m.

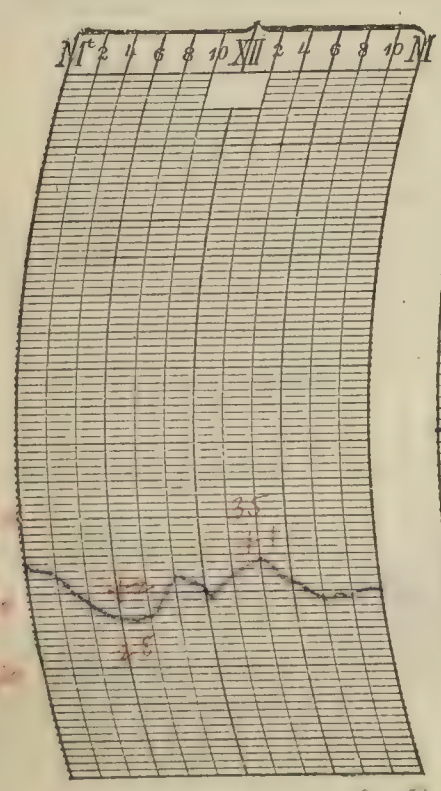
Reduced barometer, 30.07 a. m. ____ p. m.

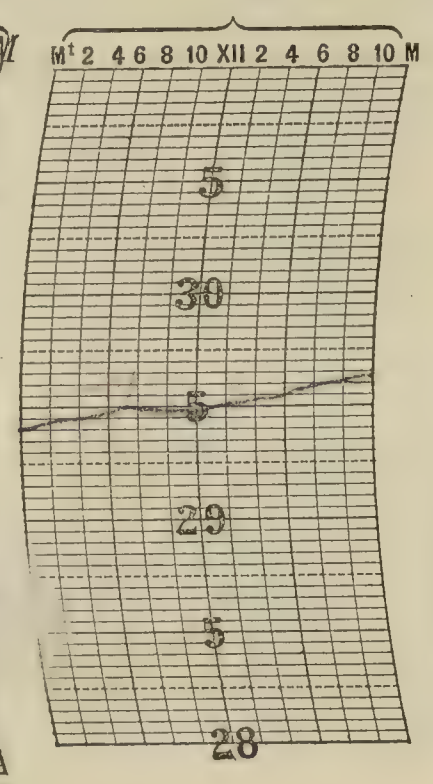
River gage, 15.9, on stairs

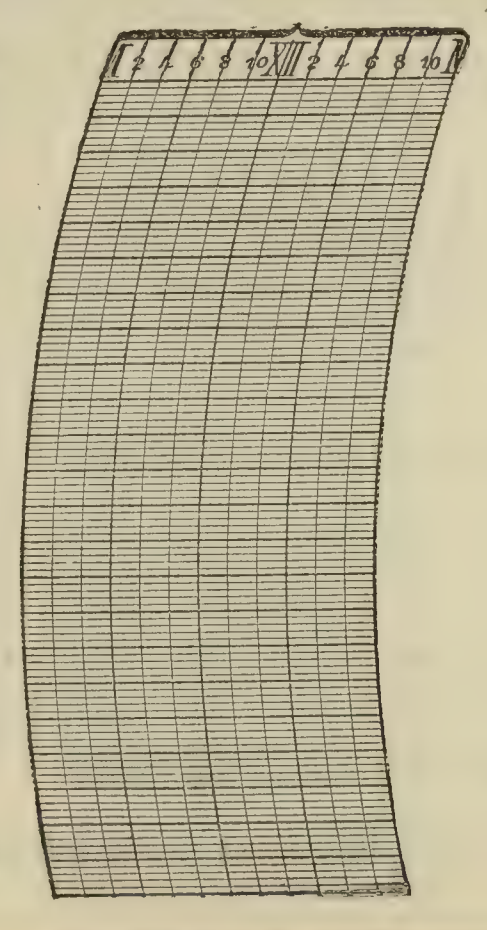
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

X Eye observation

NOTES.







Prepared by S. P. B.

Verified by S. P. B.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) [illegible], 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	30	28	29	27	26	11 25	25	25	29	30	32	32	11 33	32	33	32	32	31	28	[illegible]	[illegible]	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Moon visible						Clear						X Partly cloudy								X Moon visible Partly cloudy			
Sunrise: Time, Character,	6:58 Clear																							
Sunset: Time, Character,																					4:00 Cloudy			
Sunshine (in tenths of hours)							.03 C	1.0 C	1.0 C	X 1.0	1.0	0.8	0.7	0.7	X 0.6	X 0.4	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	SW	W	W
Wind movement	6	8	9	7	9	7	8	8	10	13	14	12	11	12	11	8	9	7	8	6	7	7	9	8
Maximum velocities (exceeding ..... miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum.	34
Minimum.	25
Mean.	30
Normal.	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Partly cloudy Moon phase,

Average daily cloudiness (0-10) 4

Actual sunshine, hours, 7.4

Possible sunshine, hours, 9.5

Percentage of possible sunshine, 78

Prevailing direction West

Total movement, 214

Average hourly velocity, 8.9

Maximum velocity,	Direction.	Time.
18	W	9:59 a.m.
19	W	10:00 a.m.

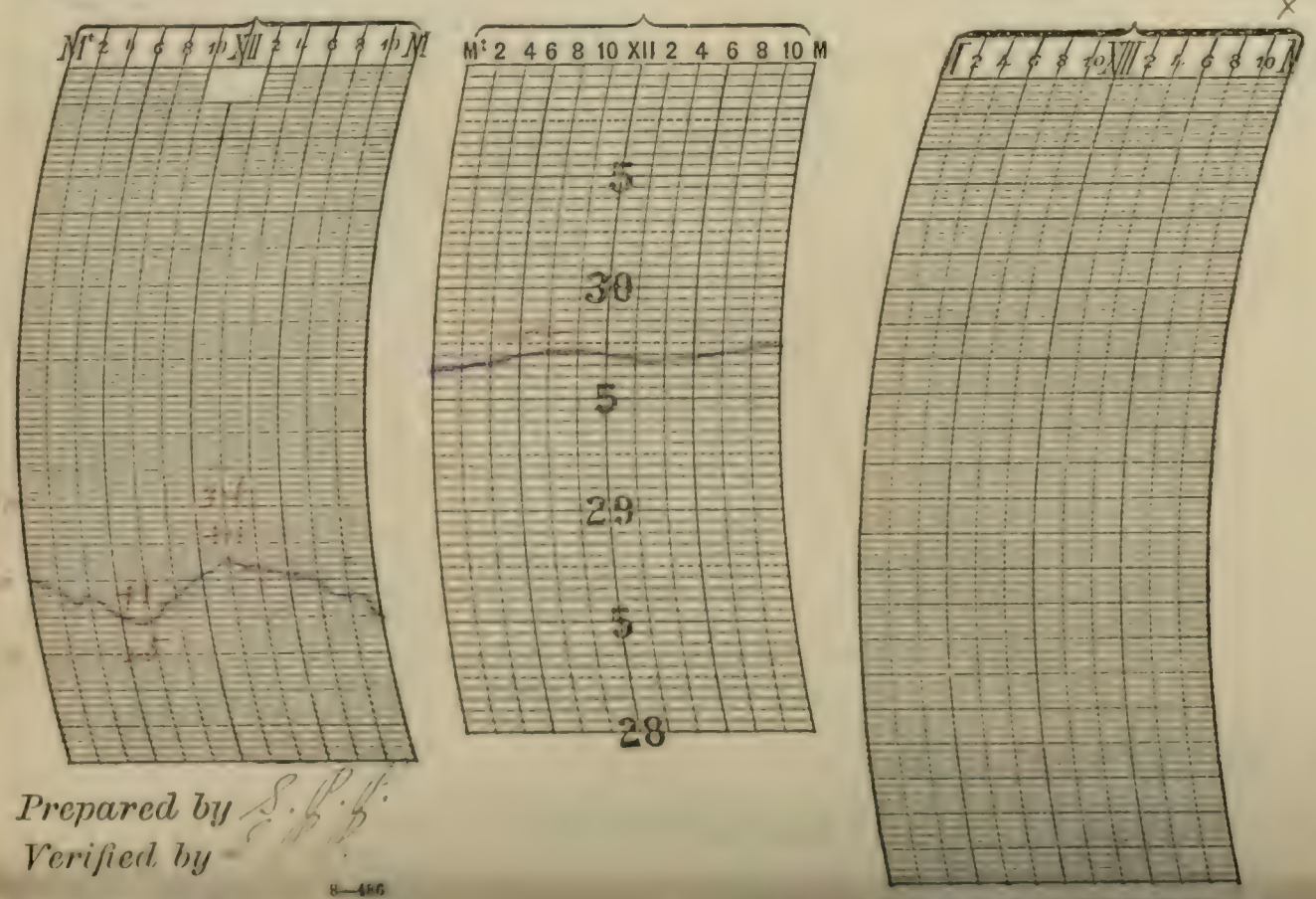
Relative humidity, 73 a. m. ..... p. m.

Reduced barometer, 30.28 a. m. ..... p. m.

River gage, 15.7, falling

X Eye observation.

NOTES.



Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) NOV 28 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	23	21	21	20	19	20	21	25	29	33	35
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	Very windy											
Cloudiness and other conditions			Cloudy		X						Cloudy	
Sunshine (in tenths of hours)							0.2 C	0.2 C	0	0.5	0.6	0.5
Wind direction	W	W	W	W	W	W	W	W	S	S	S	S
Wind movement	7	6	4	3	2	3	3	2	4	10	14	15

Sunrise: Time, 6:59; Character, Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	40	42	41	39	37	36	36	35	35	36	38
Nature of precipitation and time of beginning and ending												
Amounts of precipitation									Cloudy			
Cloudiness and other conditions								X	Cloudy			
Sunshine (in tenths of hours)	0.7	0.9	0.9	0	0							
Wind direction	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	19	22	22	20	17	11	9	10	7	6	8	10
Maximum velocities (exceeding 25 miles) direction and time	1:25 SW 25	1:21 S 26	2:41 SW 26	3:37 SW 29								

Sunset: Time, 4:30; Character, Cloudy

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
42	19	30	33

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 9

Actual sunshine, hours, 4.3

Possible sunshine, hours, 9.5

Percentage of possible sunshine, 45

Prevailing direction Southwest

Total movement, 234

Average hourly velocity, 7.8

Maximum velocity,	Direction,	Time.
29	SW	3:37 pm
30	SW	3:36 pm

Relative humidity, 90 a. m. p. m.

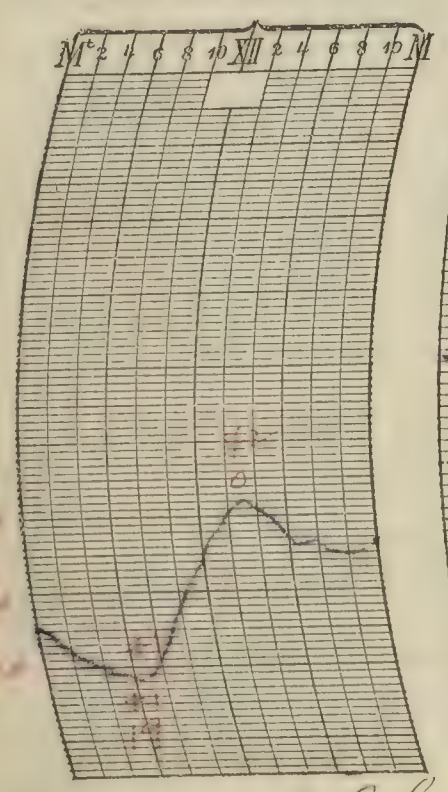
Reduced barometer, 30.29 a. m. p. m.

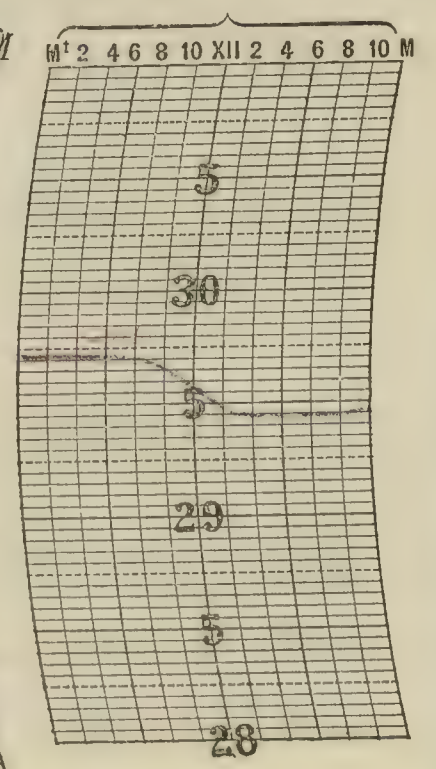
River gage, 15.6, falling

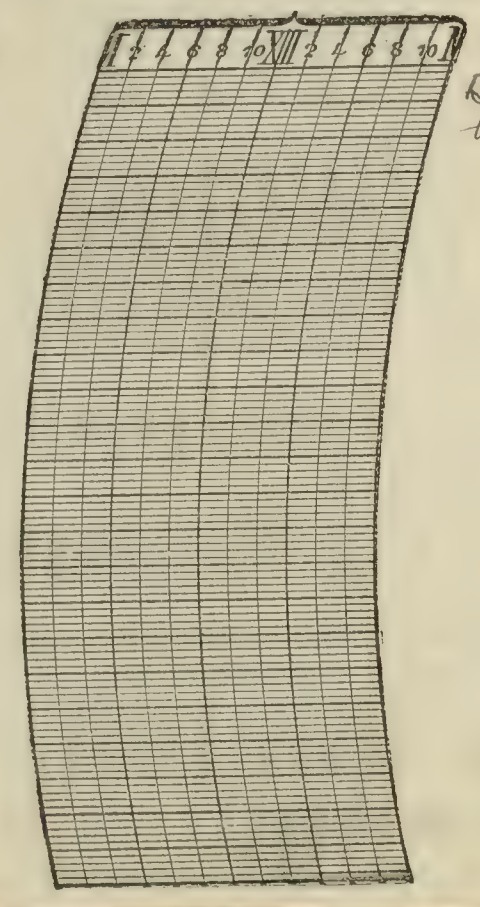
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.







NOTES.

A thin sheet of ice formed over the Big Basin and the section of the canal below it during the night of the 27-28.

Prepared by S. P. P.
Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE, ILL., (Day of week) Friday, (Date) FEB 21, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	37	36	36	36	35	35	34 (+1)	35	36	37	40	42	45	47	48 (0)	46	43	39	38	36	35	32	32	29
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Yellow dirty weather					Cloudy				*	*	Clear											Upper wisps	
Sunshine (in tenths of hours)									0	0.2	1.0	1.0	1.0	1.0	1.0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	NW
Wind movement	11	9	9	10	10	9	5	8	10	13	13	11	12	11	9	7	4	5	4	2	3	3	3	2
Maximum velocities (exceeding 25 miles) direction and time																								

Sunrise: Time, 7:00 Character, Clear

Sunset: Time, 4:29 Character, Clear

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
48	29	38	33

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 4

Actual sunshine, hours, 5.1

Possible sunshine, hours, 9.5

Percentage of possible sunshine, 55

Prevailing direction West

Total movement, 183

Average hourly velocity, 7.6

Maximum velocity,	Direction,	Time.
17	W	10:03 am
Extreme vel. 18	W	10:01 am

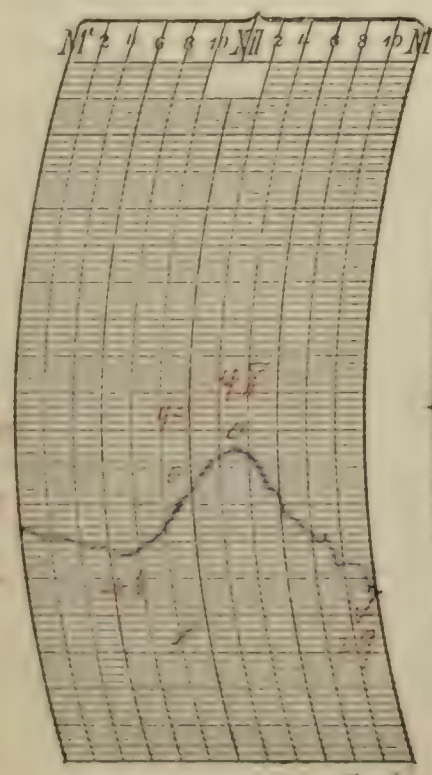
Relative humidity, 56 a. m. ..... p. m.

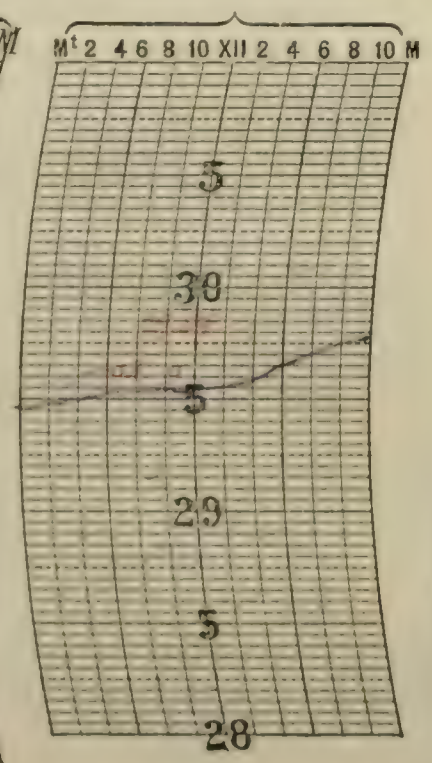
Reduced barometer, 30.09 a. m. ..... p. m.

River gage, 15.6, one foot

* Cape observation

NOTES.





Prepared by S. P. V.
Verified by S. P. V.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LAFAYETTE, IND., (Day of week) Saturday, (Date) May 20, 1922, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	27	27	27	25	24	24 +1	24	30	38	46	48
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Moon visible for smoke				Clear							
Sunrise: Time, Character,	7:01 Sunday											
Sunshine (in tenths of hours)								.98 0	1.0 0	× 1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	E	E	E	E	E	E	SE
Wind movement	2	1	1	3	3	4	5	4	5	4	7	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	49	50 +1	50	49	49	48	47	47	47	46	45
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											
Sunset: Time, Character,										4:29 Cloudy		
Sunshine (in tenths of hours)	0.7	0	0	0	0							
Wind direction	SE	SE	SE	SE	SE	SE	SE	S	S	S	S	S
Wind movement	10	9	6	6	7	9	12	11	10	14	17	13

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
50	24	37	32

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Partly cloudy; Moon phase,

Average daily cloudiness (0-10) 5

Actual sunshine, hours, 5.7

Possible sunshine, hours, 9.5

Percentage of possible sunshine, 60

Prevailing direction Southeast

Total movement, 173

Average hourly velocity, 7.2

Maximum velocity,	Direction,	Time.
19	SE 5	10:28 p.m.
[illegible]	20-SE 5	10:23 p.m.

Relative humidity, 91 a. m. ____ p. m.

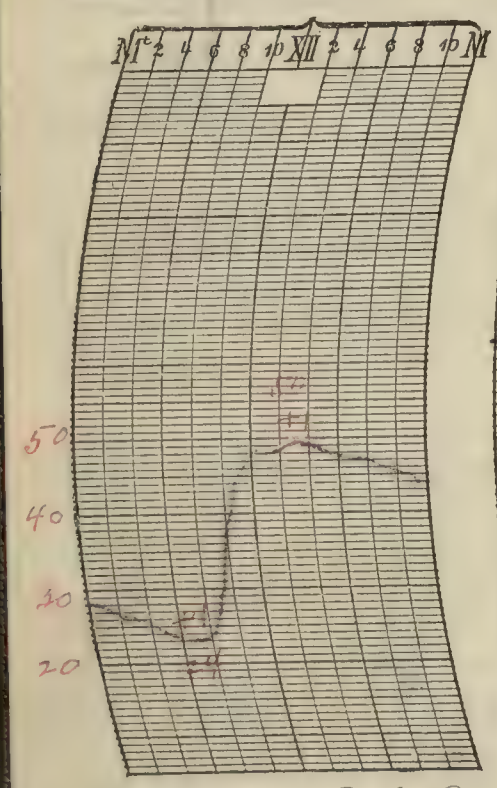
Reduced barometer, 30.39 a. m. ____ p. m.

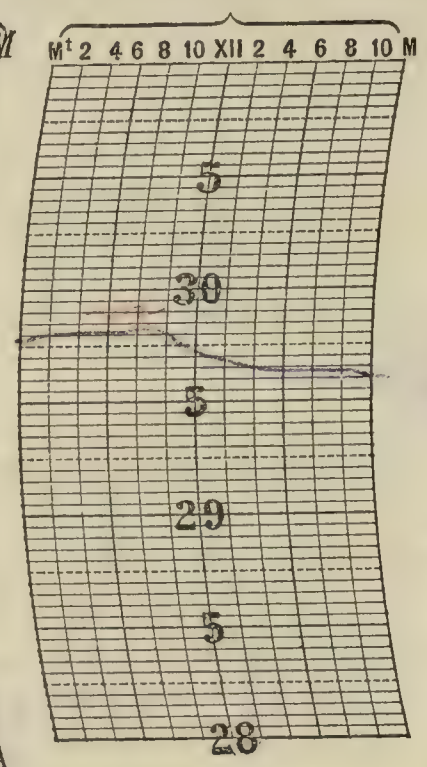
River gage, 15.4, falling

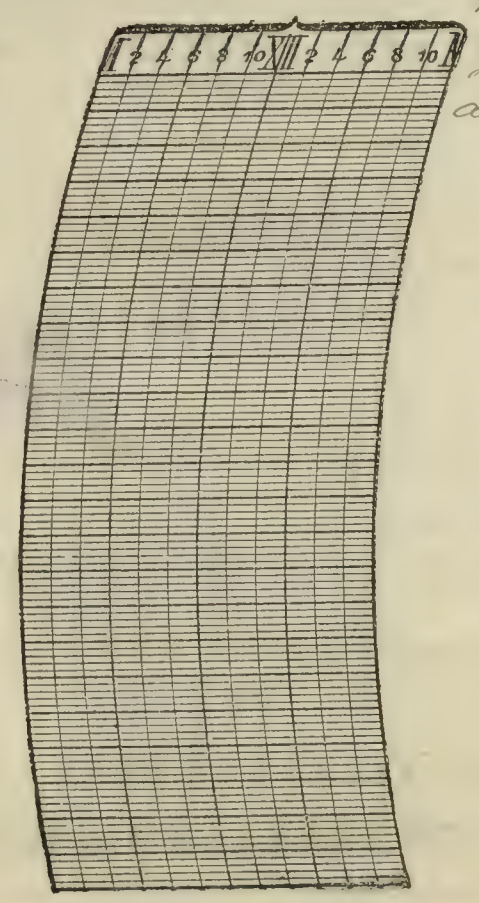
× Eye observation.

NOTES.

Light smoke formed DUa and disappeared at 8:30 am.







Prepared by S. P. C.

Verified by S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) DEC 1 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	45	46	46	44	44	45	46	47	50	5[illegible]	[illegible]
		RB	DH	Ha			RE 6:30					RB 11:10
Nature of precipitation and time of beginning and ending												
Amounts of precipitation		—	—	.06	→							←
Cloudiness and other conditions							Cloudy					
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	10	8	7	15	11	9	8	9	8	12	17	[illegible]

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	56	57	56	56	56	54	54	55	55	55	5[illegible]
		RE 1:15				RB 5:35						
Nature of precipitation and time of beginning and ending									*			
Amounts of precipitation		.02	—	—	—	—	—	*	.05	—	—	—
Cloudiness and other conditions				Partly Cloudy								
Sunshine (in tenths of hours)	0	0.9	0.5	0.3	0							
Wind direction	S	S	S	S	S	S	S	S	SW	SW	SW	SW
Wind movement	18	19	17	14	15	14	17	18	22	22	18	17
Maximum velocities (exceeding 25 miles) direction and time									8:22 SW 29	9:42 SW 26		

Sunrise: Time, 7:02 Character, Cloudy

Sunset: Time, 4:29 Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
57	44	[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .06 ins.; to 7 p. m., .02 ins.

Total precipitation, midnight to midnight, [illegible] inches.

Character of day, Cloudy Moon phase, [illegible]

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 1.7

Possible sunshine, hours, 9.4

Percentage of possible sunshine, 18

Prevailing direction South

Total movement, 345

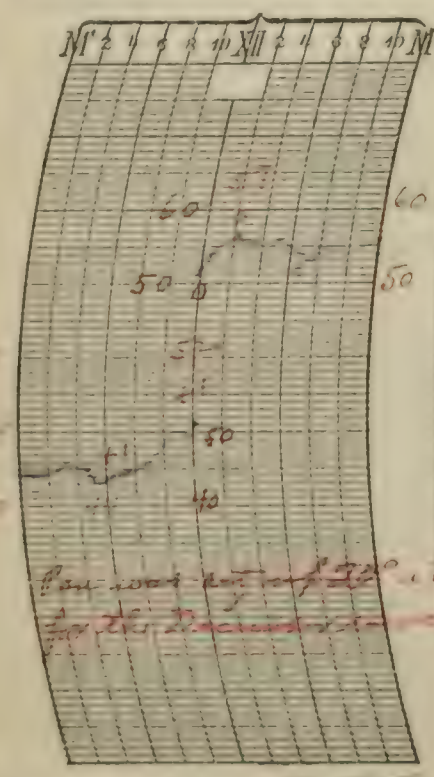
Average hourly velocity, 14.4

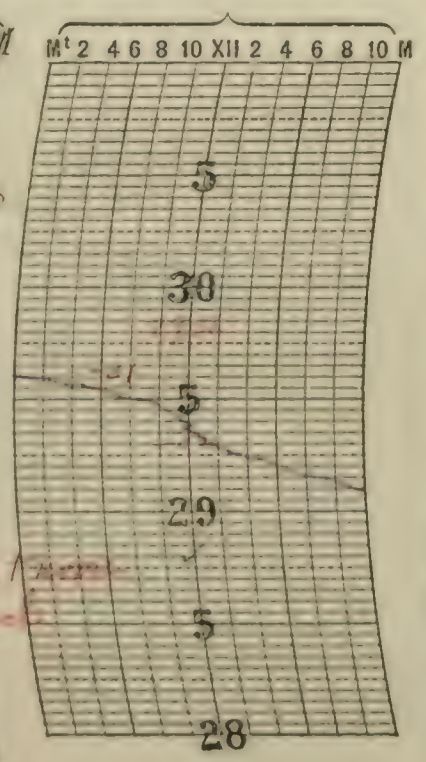
Maximum velocity,	Direction.	Time.
29	SW	8:22 pm
	31 – SW	– 8:21 pm

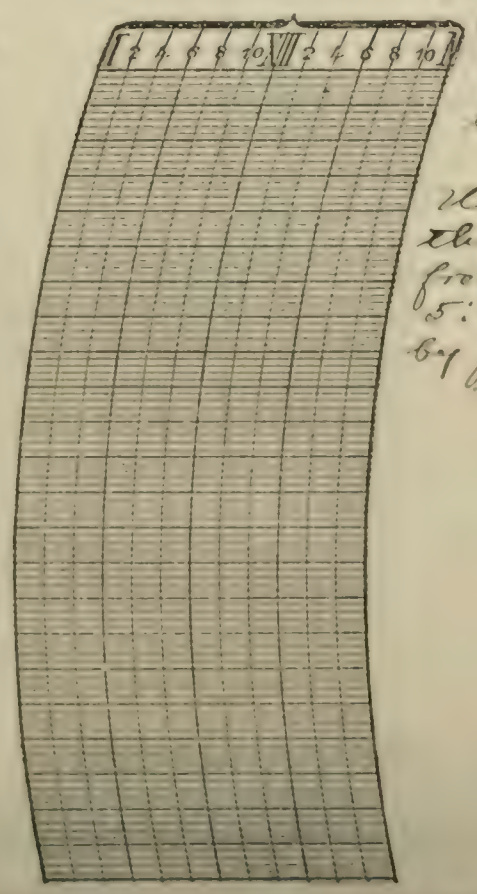
Relative humidity, 81 a. m. ____ p. m.

Reduced barometer, 30.09 a. m. ____ p. m.

River gage, 15.4, [illegible]







NOTES.

[illegible]

Ice had disappeared from Big Basin and canal this morning.

Warning of decided fall in temperature by Monday morning bringing coldest weather thus far of the present season, was received from the District Forecaster at Chicago at 5:40 pm. All interests that could be reached by phone were notified.

Navigation closed today.

Prepared by

Verified by

R—486

Form No. 1011—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE, ILL., (Day of week) Wednesday, (Date) DEC 2 1914, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	56	45	44	44	42	36 (0+1)	35	34	33	33	33
State of weather: Nature of precipitation and time of beginning and ending				*			R+ 5:00 E; R+ 5:00 O; R+ 5:00 E; 5:00 O; 5:00 E	7:20; 7:20; 7:30; 7:30; 7:50	5:00 O; 8:25	5:00 E; 9:10		
Amounts of precipitation				.07				*	T			
Cloudiness and other conditions							Clear day					
Sunrise: Time, Character, 7:03 Cloudy												
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	W	W	W	W	W	W	W
Wind movement	17	19	23	22	20	19	25	25	22	18	15	13
Maximum velocities (exceeding 25 miles) direction and time			25 SW 31	3:03 SW 30		5:50 W 31	6:25 W 32	7:37 W 30	8:11 W 28	9:35 W 25		

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	33	34	33	32	31	30	30	29	28	27	26
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			* pt cldy				* Clear					
Sunset: Time, Character, 4:28 Cloudy												
Sunshine (in tenths of hours)	0.4	0.5	0.3	0.2 0	0.7 0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	SW
Wind movement	13	11	7	6	4	3	2	1	1	1	2	2
Maximum velocities (exceeding 25 miles) direction and time												

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
57	26	42	32

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0 inches. * Melted fast

Total snowfall, midnight to midnight, T inches. it fell.

Precipitation to 7 a. m., .12 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .07 inches.

Character of day, Cloudy, Moon phase,

Average daily cloudiness (0-10)

Actual sunshine, hours, 1.7

Possible sunshine, hours, 9.4

Percentage of possible sunshine, 18

Prevailing direction West

Total movement, 291

Average hourly velocity, 12.1

Maximum velocity,	Direction,	Time.
32	W	6:25 am
38	SW	2:30 am

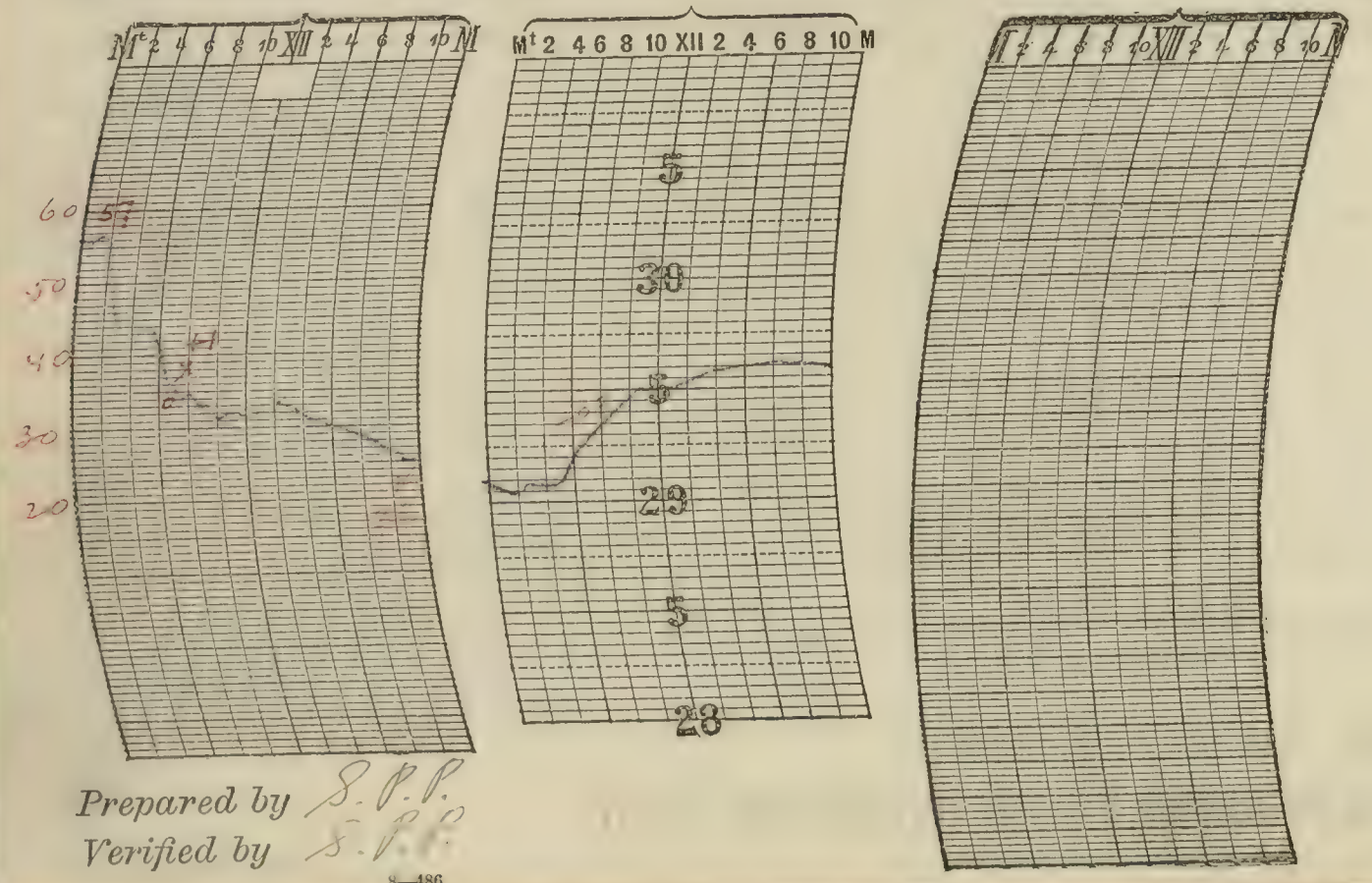
Relative humidity, 93 a. m. ____ p. m.

Reduced barometer, 29.77 a. m. ____ p. m.

River gage, 15.4 on stand

* Estimated.

NOTES.



Prepared by S. P. P.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) DEC. 3 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	25	25	+1 25	25	25	+1 26	28	31	33	36	38	39	38	38	38	+1 39	39	+1 39	40	+1 40	40	40	39
Nature of precipitation and time of beginning and ending												R+SLB 1:18 R+SLE 1:48 RLB 1:48								RE 7:30		RB 9:15 RE 9:45		
Amounts of precipitation														T			.19			T		T		
Cloudiness and other conditions	Cloudy visibility at intervals								cloudy															
Sunshine (in tenths of hours)								.23 0	0	0	0	0.2	0	0	0	0	0							
Wind direction	SW	SE	SE	S	SW	S	S	SW	S	S	S	S	SW	SW	S	S	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	3	3	3	3	3	3	4	5	5	10	11	12	13	10	7	8	12	10	9	15	16	15	10	8
Maximum velocities (exceeding 25 miles) direction and time																								

Sunrise: Time, 7:04 Character, Cloudy

Sunset: Time, 4:28 Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
46	25	32	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .19 ins

Total precipitation, midnight to midnight, .19 inches.

Character of day, Cloudy Moon phase.

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0.4

Possible sunshine, hours, 9.4

Percentage of possible sunshine, 4

Prevailing direction Southwest

Total movement, 199

Average hourly velocity, 8.3

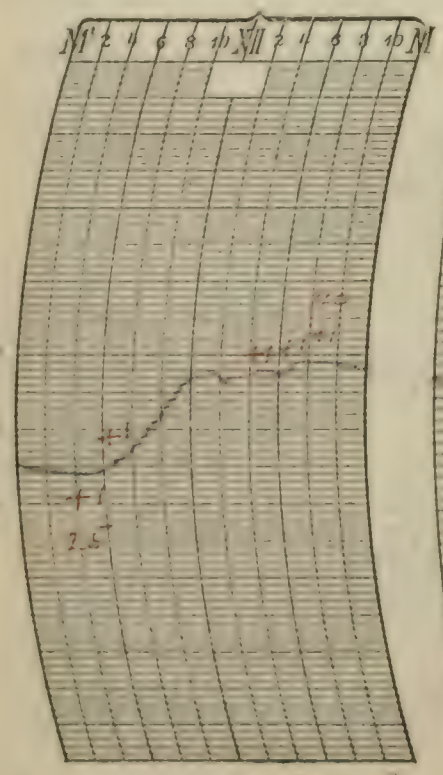
Maximum velocity,	Direction,	Time.
20	SW	8:31 pm
	21 — SW	[illegible]

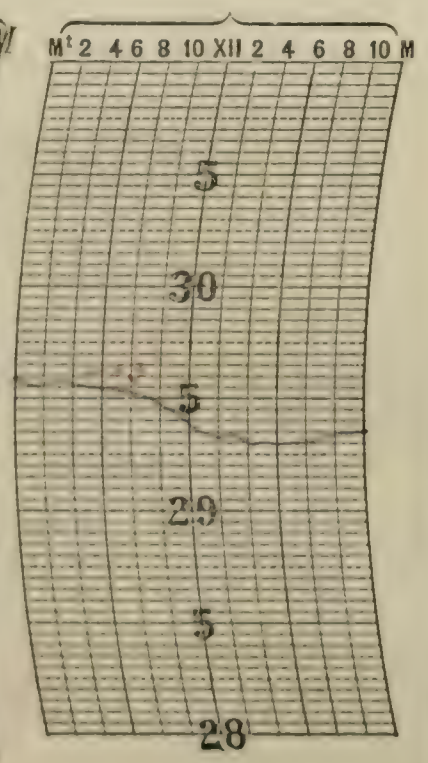
Relative humidity, 86 a. m. p. m.

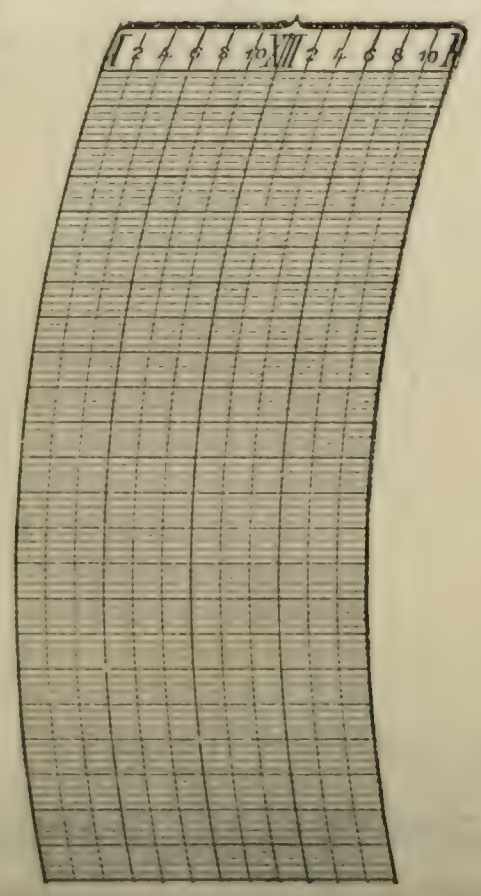
Reduced barometer, 30.16 a. m. p. m.

River gage, 15.3 [illegible]

NOTES.







Prepared by S. P. F.
Verified by S. P. F.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) ....., 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	39	38	38	37	37	36	36 +1	35 +1	35	35	36	38
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					
Sunrise: Time, Character,	7:05 Cloudy											
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	SW	W	SW	SW	SW	SW	SW	S	SE	SE	S	SE
Wind movement	7	8	8	9	6	6	4	5	5	4	4	4
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	42	43	45	46	43	42	42	42	42	42	41	41
State of weather: Nature of precipitation and time of beginning and ending										RB 9:20 RE 9:45	R DR	RB
Amounts of precipitation										.05	←	T*
Cloudiness and other conditions	Clear								Clear			
Sunset: Time, Character,									4:28 Clear			
Sunshine (in tenths of hours)	0.4	0.8	1.0	1.0	.37 .10							
Wind direction	SE	SE	E	E	E	E	E	E	E	E	E	E
Wind movement	5	5	7	7	5	6	6	7	8	8	7	7
Maximum velocities (exceeding 25 miles) direction and time												

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
46	35	40	31

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .05 inches.

Character of day, Partly Cloudy Moon phase, ...

Average daily cloudiness (0–10) 5

Actual sunshine, hours, 3.7

Possible sunshine, hours, 9.4

Percentage of possible sunshine, 39

Prevailing direction East

Total movement, 148

Average hourly velocity, 6.2

Maximum velocity,	Direction,	Time.
10	W	3:56 am
10	W	3:56 am

Relative humidity, 93 a. m. ..... p. m.

Reduced barometer, 29.99 a. m. ..... p. m.

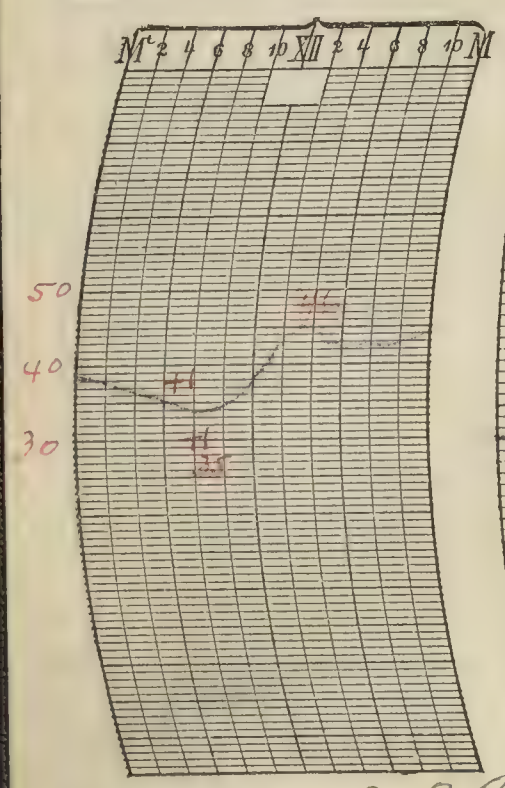
River gage, 15.3, on stand.

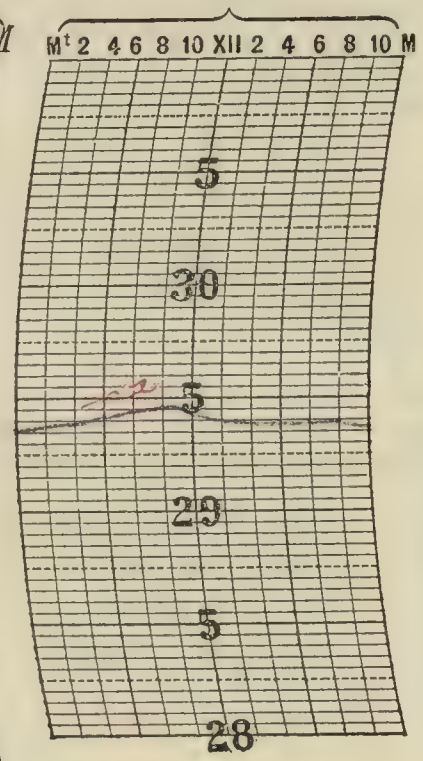
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

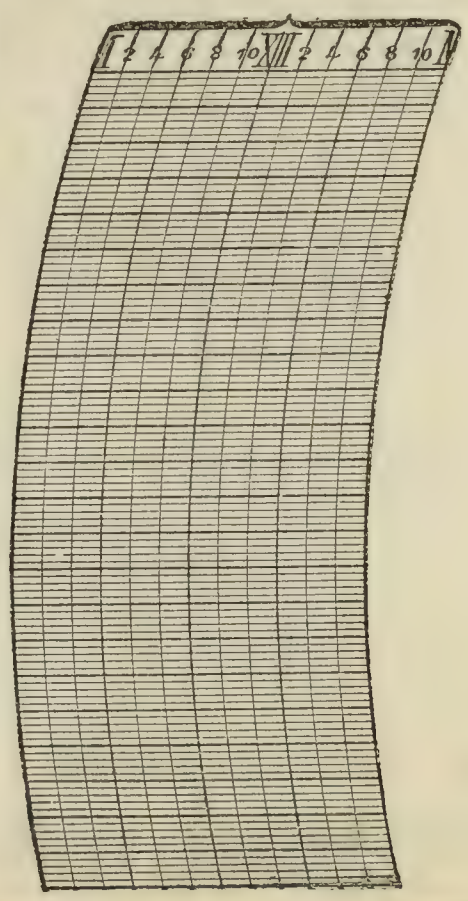
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

* Estimated.

NOTES.







Prepared by S. P. P.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) DEC 5 1912, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	45	46	46	46	46	47	47	48	51	52	53	54	56	56	56	56	55	54	56	52	41	37	32
State of weather: Nature of precipitation and time of beginning and ending					*				RE 8:35															
Amounts of precipitation					T			* T																
Cloudiness and other conditions				Lt fog						Cloudy												* Bkcdy		
Sunrise: Time, Character, 7:06 Cloudy																					Sunset: Time, Character, 4:28 Cloudy			
Sunshine (in tenths of hours)								0	0	0	0.5	0.6	0.1	0	0.4	0.2	0							
Wind direction	E	E	E	E	SE	SE	SE	S	SE	SE	S	S	S	S	S	S	S	S	S	S	SW	SW	SW	SW
Wind movement	5	6	4	5	2	3	4	4	5	7	9	9	12	11	9	8	10	8	11	12	22	29	25	29
Maximum velocity (exceeding 25 miles), direction and time																					8:40 SW 29	9:44 SW 33	10:33 SW 30	11:03 SW 35

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
57	32		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0.05 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy (clean, partly cloudy, cloudy).

Average daily cloudiness (0-10), 1.6

Actual sunshine, hours, 1.8

Possible sunshine, hours, 9.4

Percentage of possible sunshine, 19

Prevailing direction, South

Total movement, 250

Average hourly velocity, 10.4

Maximum velocity,	Direction,	Time.
35	SW	11:03 p.m.
Extreme vel., 39	SW	11:04 p.m.

Relative humidity, 98 a. m. ____ p. m.

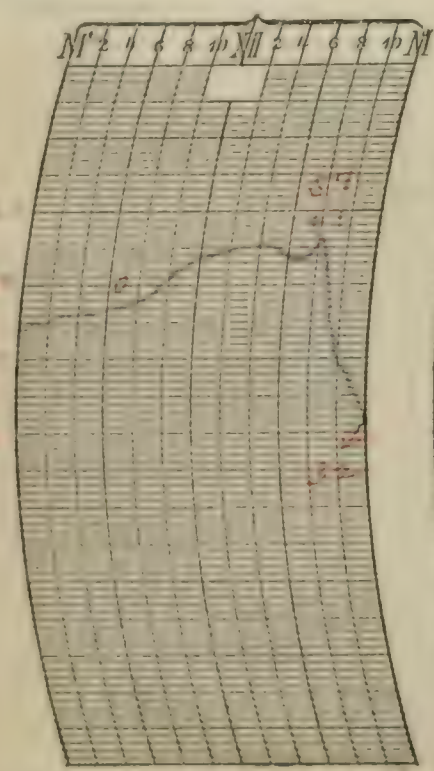
Reduced barometer, 29.85 a. m. ____ p. m.

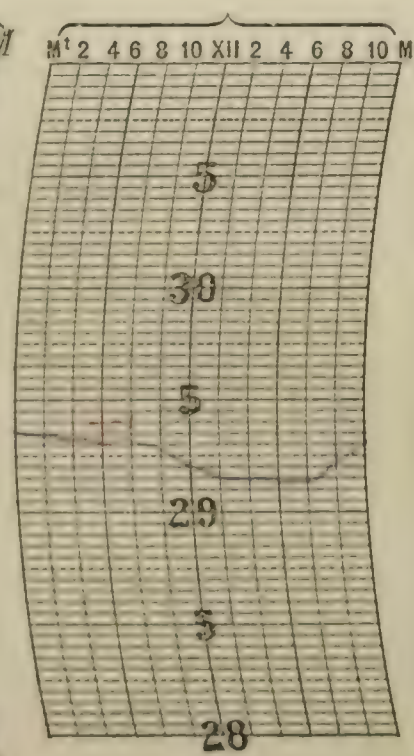
River gage, 15.3, on stand

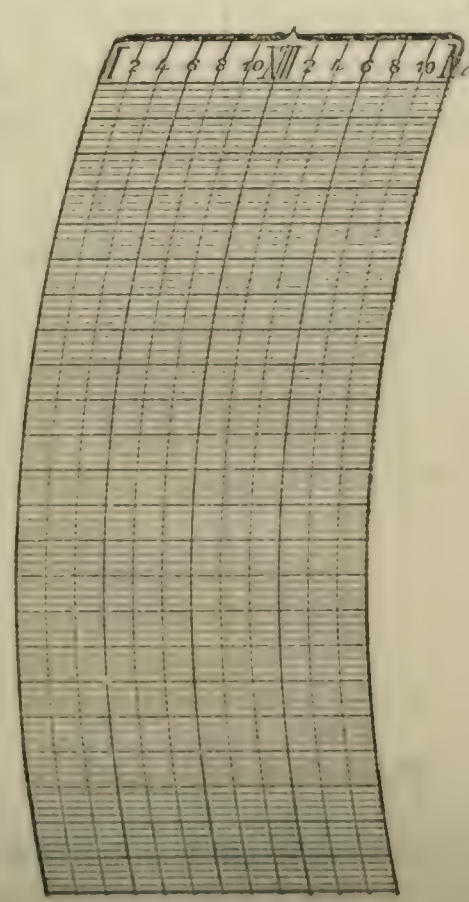
Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

NOTES.

Light fog formed 2 a.m. and ended at 10:00 a.m.







Prepared by S. P.
Verified by S. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) DEC 6 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	28	27	26	25	24 (+2)	24 (+1)	24	24	26	28	30
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Clear				Cloudy				Clear	
Sunrise: Time, Character,	7:07 Cloudy											
Sunshine (in tenths of hours)								0	0	0.7	1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	27	27	24	20	19	20	17	17	16	15	14	13
Maximum velocities (exceeding 25 miles) direction and time	12:05 W 31	1:25 W 31	2:03 W 28		4:38 W 25	5:38 W 25						

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32 (+1)	31	31	30	29	28	28	26	24	[illegible]	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, Character,									4:28 Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.1 0.9	.27 0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	14	15	11	12	10	10	13	13	9	10	8	6

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
32	21	26	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cldy Moon phase,

Average daily cloudiness (0-10) 4

Actual sunshine, hours, 7.0

Possible sunshine, hours, 9.4

Percentage of possible sunshine, 74

Prevailing direction West

Total movement, 360

Average hourly velocity, 15.0

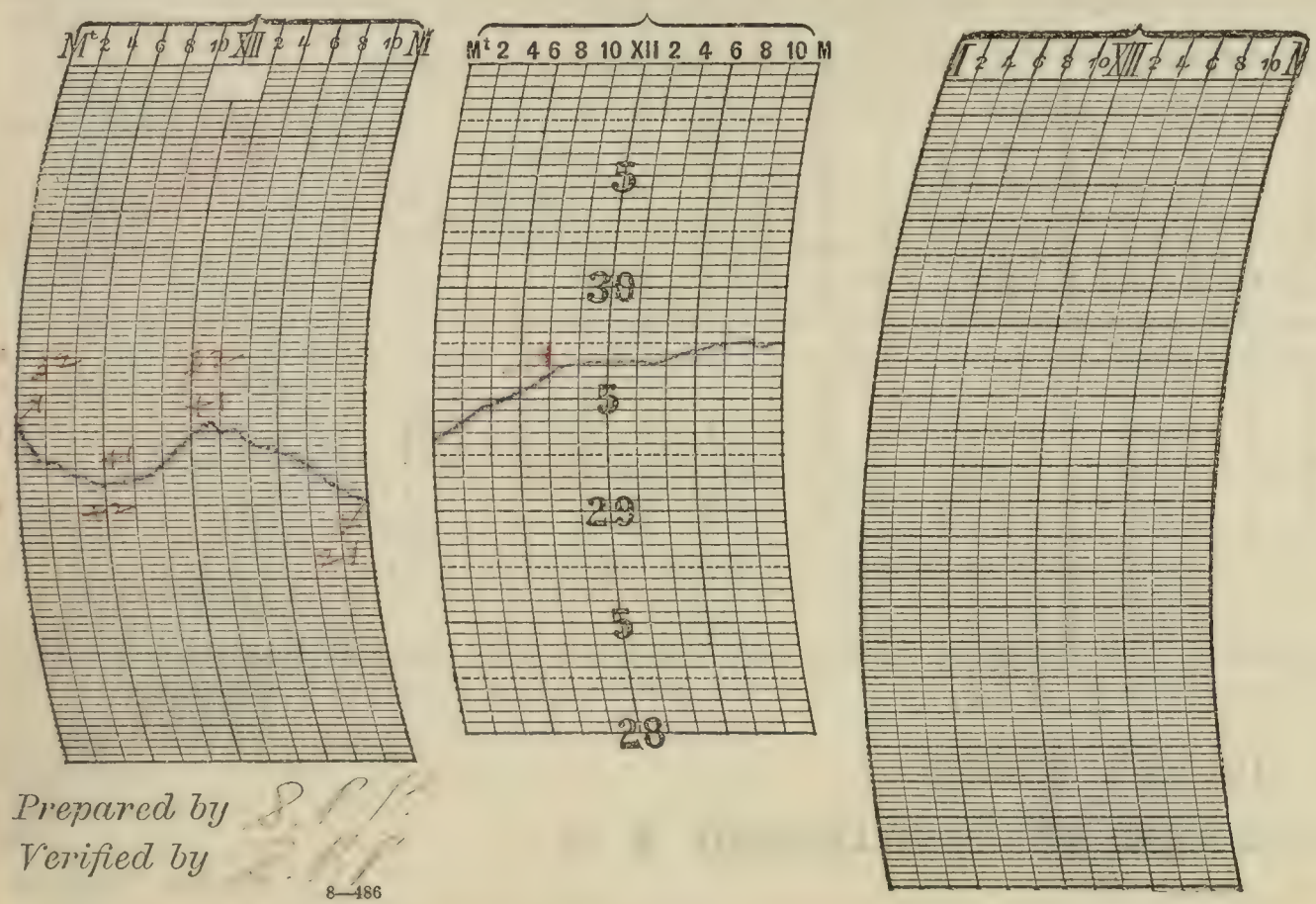
Maximum velocity,	Direction,	Time.
31	W	12:05 am
Extreme vel., 35	W	12:07 am

Relative humidity, 74 a. m. p. m.

Reduced barometer, 30.14 a. m. p. m.

River gage, 15.4, rising

NOTES.



Prepared by

Verified by

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) DEC [illegible] 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	20	20	20	20	+1 19	19	0 19	21	25	31	35	37
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								Clear				
Sunrise: Time, Character,	7:08 Clear											
Sunshine (in tenths of hours)								.77 0.1	1.0	1.0	1.0	1.0
Wind direction	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	7	6	4	5	5	6	5	7	9	12	15	17

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	40	0 40	40	38	39	39	40	40	40	39	38
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	X	Cldy	X	Clear	X	X Cldy						
Sunset: Time, Character,									4:28 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	.37 1.0							
Wind direction	SW	SW	SW	SW	SW	SW	W	SW	SW	W	W	W
Wind movement	20	20	18	13	10	10	10	12	15	13	12	12

Excessive precipitation, accumulated amounts.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
41	17		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear. Moon phase.

Average daily cloudiness (0-10) 1

Actual sunshine, hours, 9.3

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 100

Prevailing direction Southwest

Total movement, 265

Average hourly velocity, 11.0

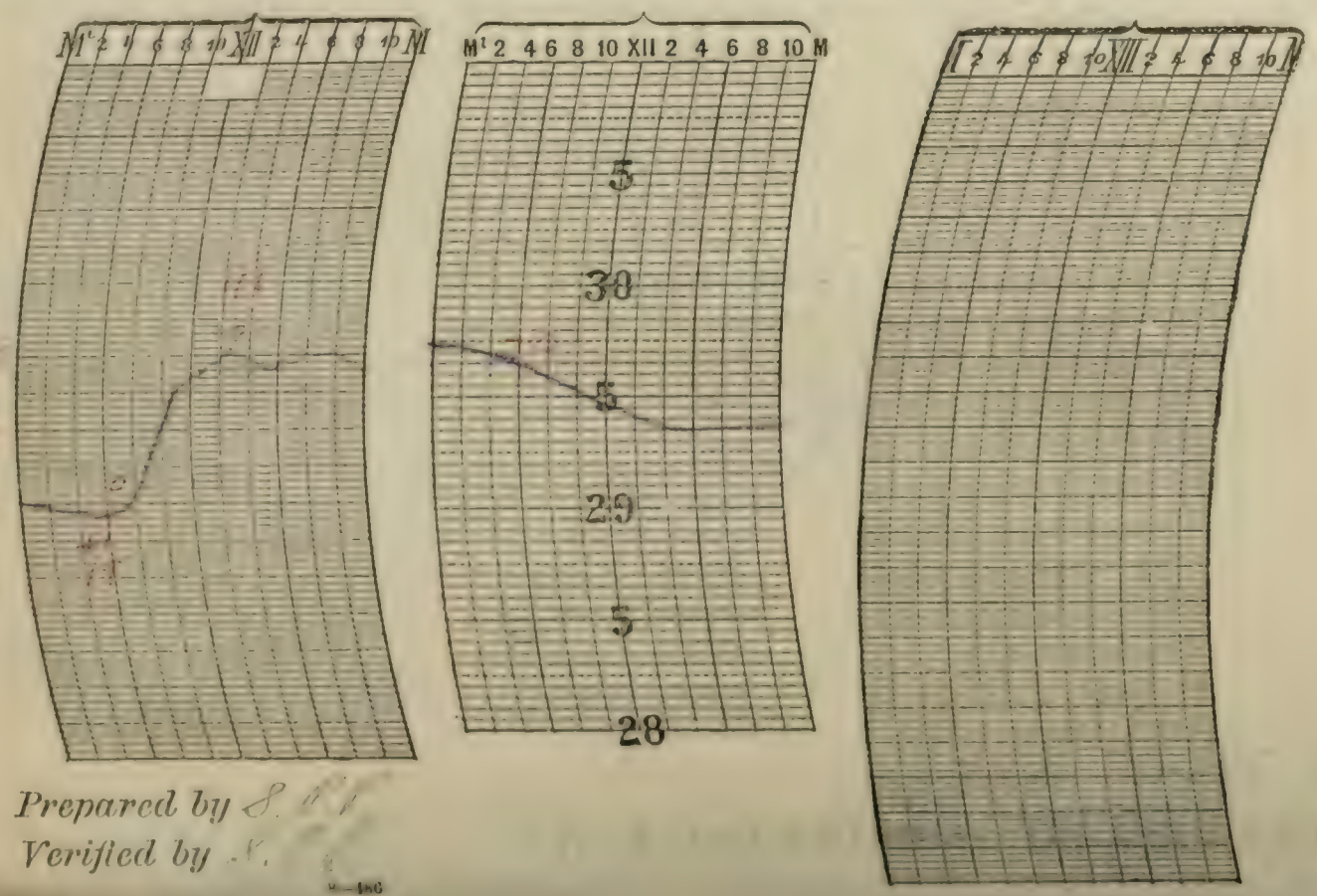
Maximum velocity,	Direction,	Time.
23	SW	1:40 pm
Extreme vel. 26	SW	1:40 pm

Relative humidity, 85 a. m. p. m.

Reduced barometer, 30.20 a. m. p. m.

River gage, 15.2, falling

NOTES.



Prepared by S. [illegible]

Verified by [illegible]

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) Dec. 6 1914, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	37	36	35	34	32	31	30	30	28	27	14
State of weather: Nature of precipitation and time of beginning and ending									5 B 8:55			
Amounts of precipitation												
Cloudiness and other conditions							Cloudy					
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	W	W	W	W	NW	NW	NW	NW	NW	NW	N	NW
Wind movement	14	13	16	16	16	16	16	16	12	14	13	15

Sunrise: Time, 7:09 Character, Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23	22	21	20	19	18	16	15	15	14		13
State of weather: Nature of precipitation and time of beginning and ending				5 E 3:40								
Amounts of precipitation	T											
Cloudiness and other conditions				* Cloudy				* Clear				
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	N	NW	N	NW	NW	NW	NW	NW	W	W	W	W
Wind movement	15	13	13	15	12	11	10	9	7	7	6	6

Sunset: Time, 4:28 Character, Cloudy

	Maximum.	Minimum.	Mean.	Normal.
	38	13	26	30

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase, ● 11:07 am

Average daily cloudiness (0-10) 9

Actual sunshine, hours, 0

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 0

Prevailing direction Northwest

Total movement, 301

Average hourly velocity, 12.5

	Maximum velocity,	Direction,	Time.
Extreme vel.	22	NW	6:54 am
	22	NW	6:54 am

Relative humidity, 63 a. m. ____ p. m.

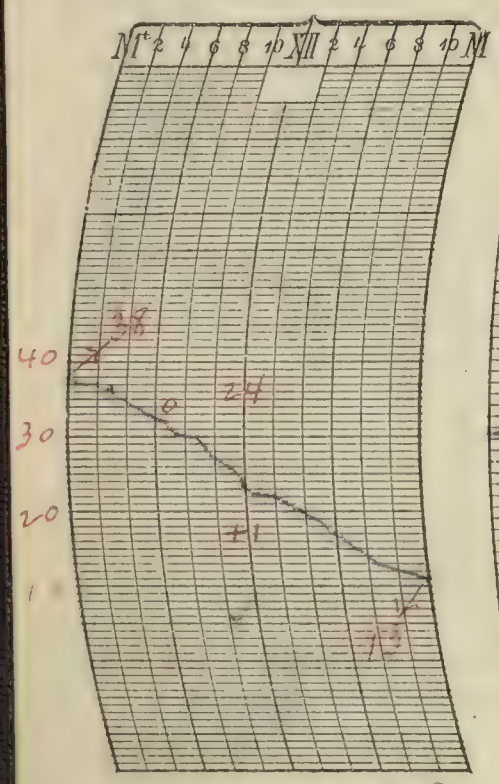
Reduced barometer, 30.13 a. m. ____ p. m.

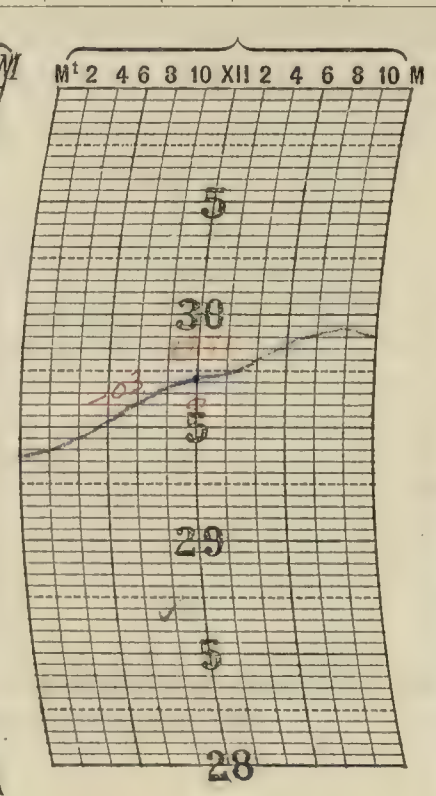
River gage, 15.2, on stand

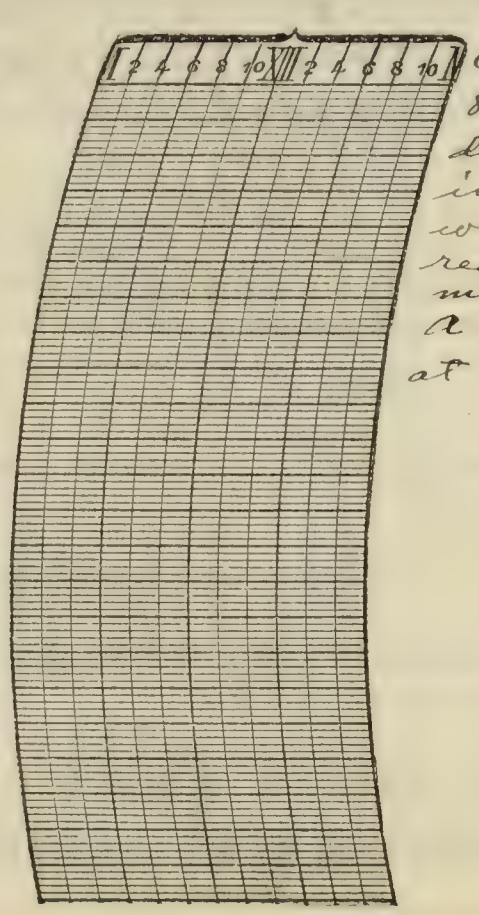
Sunrise: 7:09 Character, Cloudy

Sunset: 4:28 Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.







NOTES.

A cold wave warning was received from Washington, D.C. at 8:58 am. A fall in temperature of 25° or more during the next 24 hours was predicted. All interests that could be reached by phone were notified ... This message was received by the Rock Island R.R. telegraph operator about midnight of the 7th-8th, and delivered by Western Union at 8:58 am. A cold wave warning was received from Chicago at 4:27 pm.

Prepared by [illegible]

Verified by [illegible]

8—466

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LaSalle, Ill., (Day of week) Monday, (Date) Dec 1 1912 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
			+2				+1					+1
Temperature at end of hour	13	12	12	13	12	12	12	14	17	21	25	29
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					
Sunrise: Time, Character, 7:10 Clear												
Sunshine (in tenths of hours)								.53 .30	1.0	1.0	1.0	1.0
Wind direction	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	7	8	9	10	11	13	12	14	16	18	15	18

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	33	34	34	33	32	32	32	31	[illegible]	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, Character, 4:28 Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	.37 .10							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	17	18	18	15	14	13	14	17	16	18	16	13

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
34	12	[illegible]	3[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 0

Actual sunshine, hours, 9.3

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 100

Prevailing direction Southwest

Total movement, 343

Average hourly velocity, 14.3

Maximum velocity,	Direction,	Time.
23	SW	2:42 pm
EXTREME vel. 26	W	11:00 am

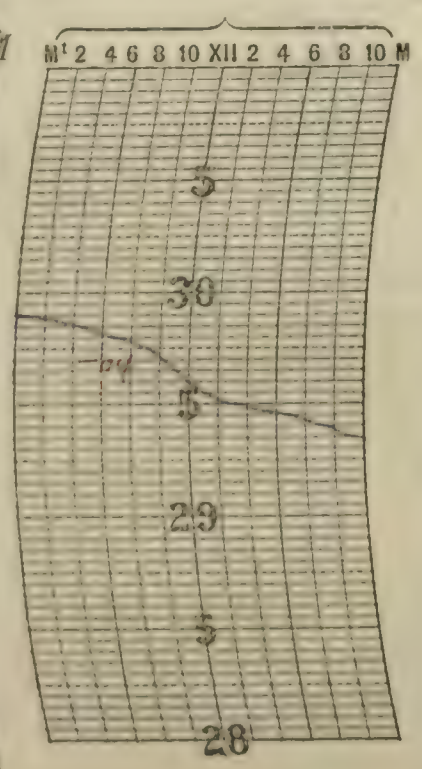
Relative humidity, 72 a. m. p. m.

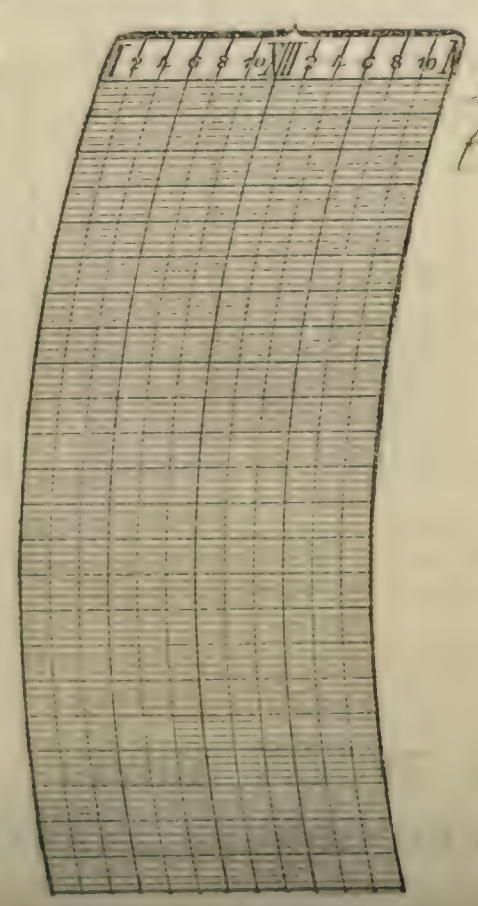
Reduced barometer, 30.37 a. m. p. m.

River gage, 14.9, falling

NOTES.

A special observation was taken at 11:40 am today and telegraphed to Washington. Pressure fell rapidly.





Prepared by S. F. T.

Verified by [illegible]

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) DEC 1 1914, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	32	33	34	35	34	34	34	37	40	40	37
					0		+1				-1	
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Clear					X Pt Cl	X Cloudy		
Sunshine (in tenths of hours)								.43 .20	1.0	1.0	1.0	0.6
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W
Wind movement	14	17	18	20	18	16	16	16	16	21	22	19
Maximum velocities (exceeding 25 miles) direction and time										9:32 SW 26		

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	37	38	37	35	34	32	31	30	27	26	25
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			X Pt Cl	Clear								
Sunshine (in tenths of hours)	0.2	0.7	0	0.6	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	14	14	14	11	9	9	10	10	13	11	10	8

Sunrise: Time, 7:10 Character, Cloudy

Sunset: Time, 4:28 Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
40	25	32	29

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cldy Moon phase, moon visible

Average daily cloudiness (0-10) 5

Actual sunshine, hours, 5.7

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 61

Prevailing direction West

Total movement, 346

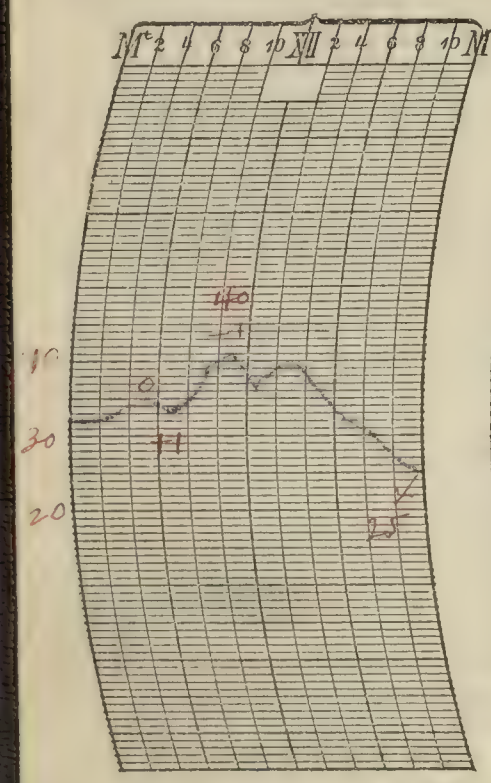
Average hourly velocity, 14.4

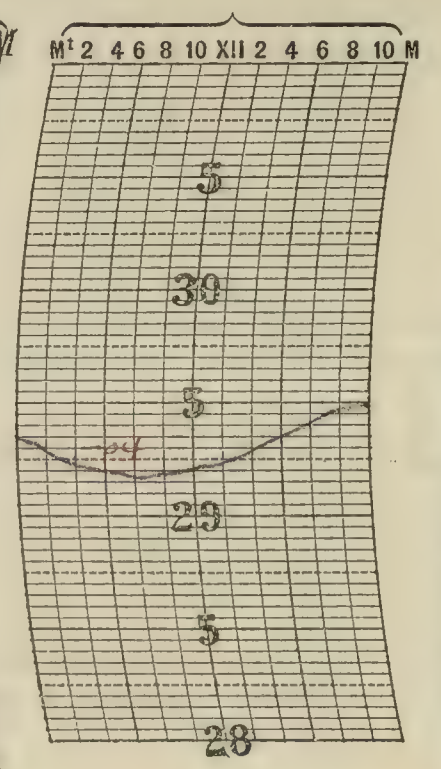
Maximum velocity,	Direction,	Time.
26	SW	9:32 am
	27 - W	9:31 am

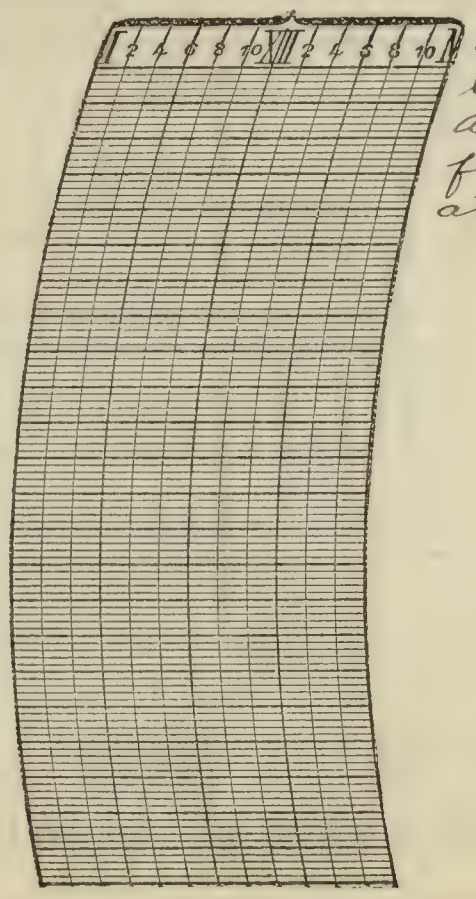
Relative humidity, 53 a. m. ____ p. m.

Reduced barometer, 29.73 a. m. ____ p. m.

River gage, 14.7 on stand







NOTES.

A cold wave warning was received from the District Forcaster at Chicago at 8:56 am. All interests were notified. The cold wave flag was hoisted at 9:00 am and lowered at 5:00 pm.

Prepared by S. P. S.

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) DEC 11 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	26	25	24	21	19	+1 18	17	16	16	16	17	+1 17	17	17	16	15	15	13	12	11	10	7	6
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																	Moon visible							
Cloudiness and other conditions									Clear															
Sunrise: Time, 7:11 Character, Cloudy																					Sunset: Time, 4:28 Character, Clear			
Sunshine (in tenths of hours)								.62 .10	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3 .7	.47 0							
Wind direction	W	W	W	W	NW	NW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	7	8	11	12	14	10	11	14	15	16	18	18	17	18	21	17	13	14	18	14	16	17	17	14
Maximum velocities (exceeding 25 miles) direction and time																								

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
26	6	11	7.7

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 0.0

Actual sunshine, hours, 9.2

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 99

Prevailing direction W east

Total movement, 250

Average hourly velocity, 14.6

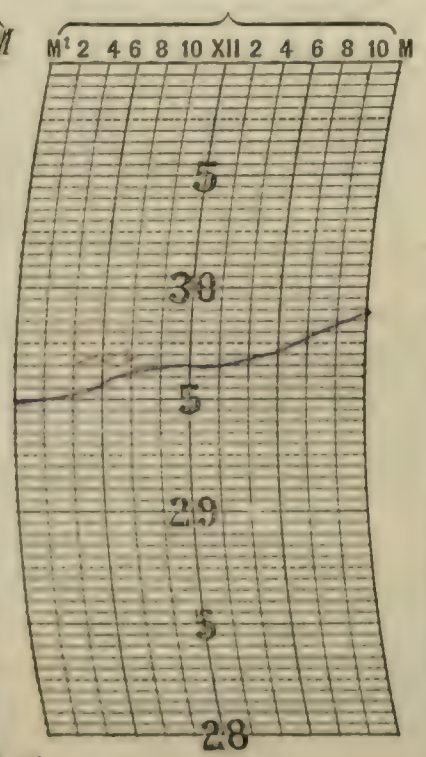
Maximum velocity,	Direction,	Time.
24	W	2:25 p.m.
25	W	2:23 p.m.

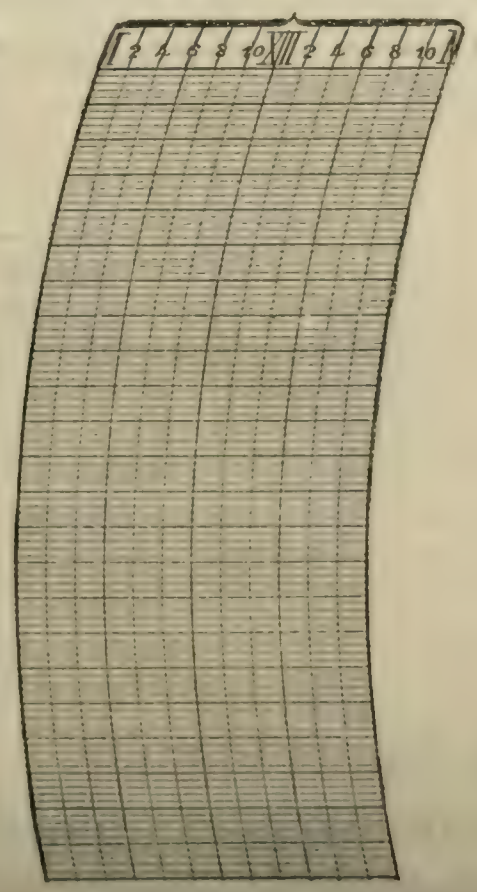
Relative humidity, 65 a. m. p. m.

Reduced barometer, 30.18 a. m. p. m.

River gage, 14.3 ice stand

Excessive precipitation, accumulated amounts.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.





NOTES.

Ice was formed over canal this morning

Prepared by S. P. C.

Verified by S. C.

Form No. 1014—Mo. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) Thursday, (Date) [illegible], 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	5	4	4	3	3	2	0 2	3	5	7	11	13	16	18	19	19	17	16	16	17	18	20	21	21
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				Clear													Moon rising							
Sunrise: Time, Character	7:12 Clear																				Sunset: Time, Character 4:28 Clear			
Sunshine (in tenths of hours)								.80 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.1 0.9	.47 0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	12	11	10	12	11	12	11	11	14	14	12	10	11	12	12	10	8	9	8	12	11	14	14	14
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
21	3	12	29

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 0

Actual sunshine, hours, 9.3

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 100

Prevailing direction West

Total movement, 275

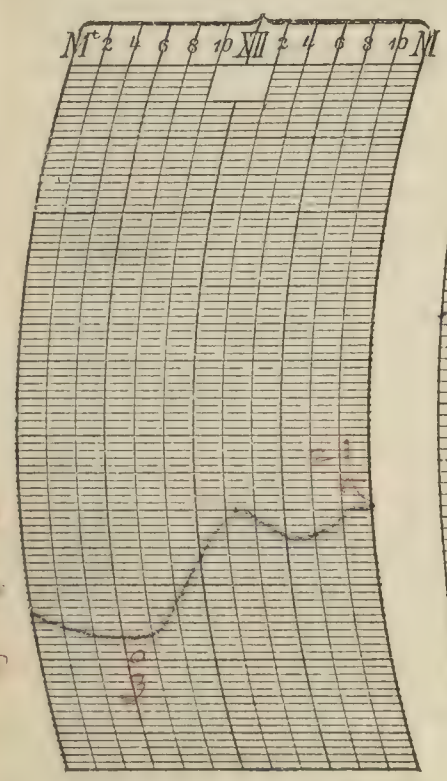
Average hourly velocity, 11.5

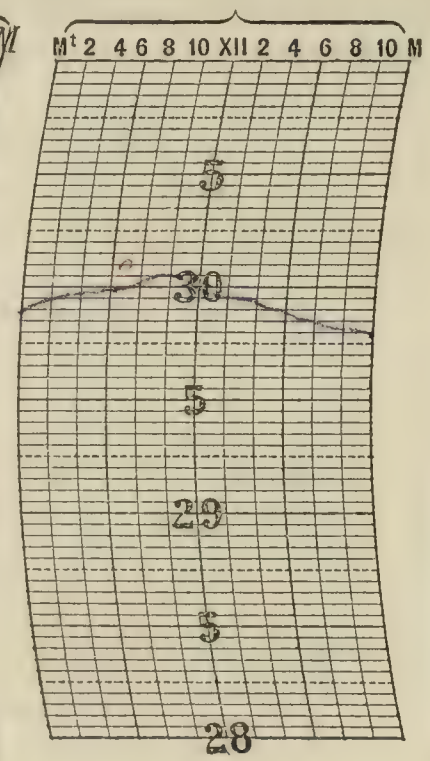
Maximum velocity,	Direction,	Time.
18	W	8:20 a.m.
20	W	8:18 a.m.

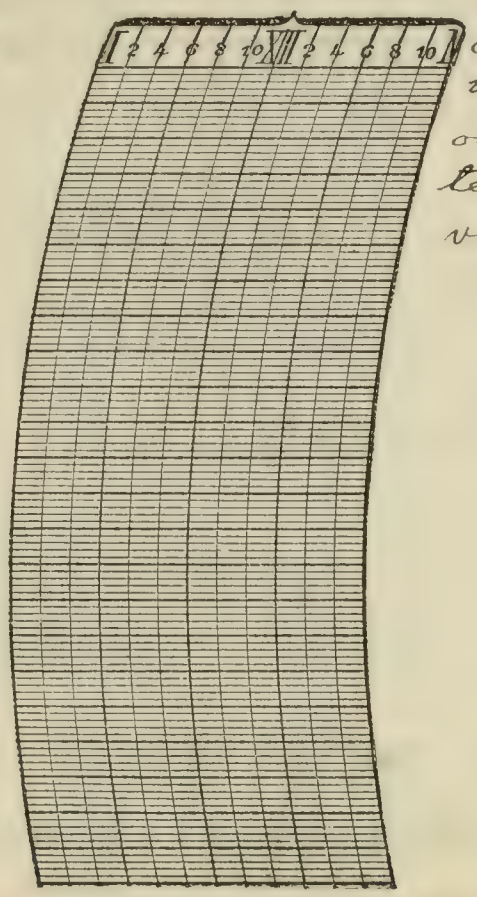
Relative humidity, 77 a. m. p. m.

Reduced barometer, 30.60 a. m. p. m.

River gage, 15.1, rising







NOTES.

A cold wave occurred today. The greatest 24 hour fall was 22° — from 26° at 2 am on the 11th to 4° at 2 am today. The lowest temperature reached was 3°, which prevailed from 4 am to 8 am.

Prepared by S. P. P.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) DEC 13 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	23	23	26	26	27	27	28	31	36	40	42	45	46	46	44	42	38	37	36	35	35	34	34
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																	Moon visible							
Cloudiness and other conditions									Clear															
Sunrise: Time, 7:13 Character, Clear																					Sunset: Time, 4:28 Character, Clear			
Sunshine (in tenths of hours)								.78 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.47 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W
Wind movement	15	14	13	9	13	12	14	13	14	17	17	15	16	16	17	14	11	9	9	9	10	9	8	6
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amount

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
46	21	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) fair

Actual sunshine, hours, 9.2

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 100

Prevailing direction Southwest

Total movement, 300

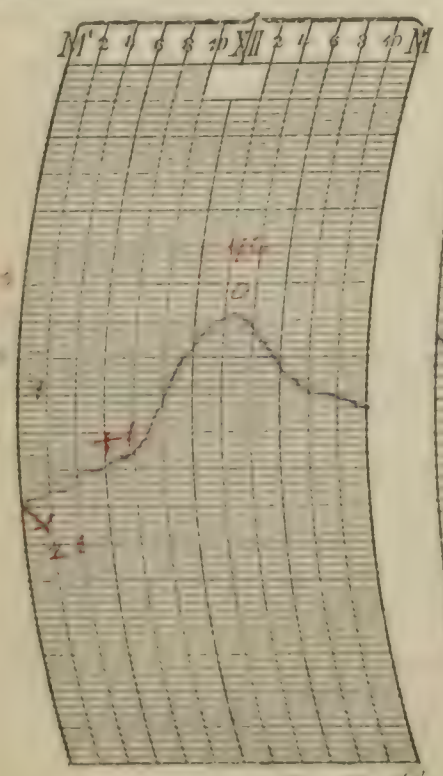
Average hourly velocity, 12.5

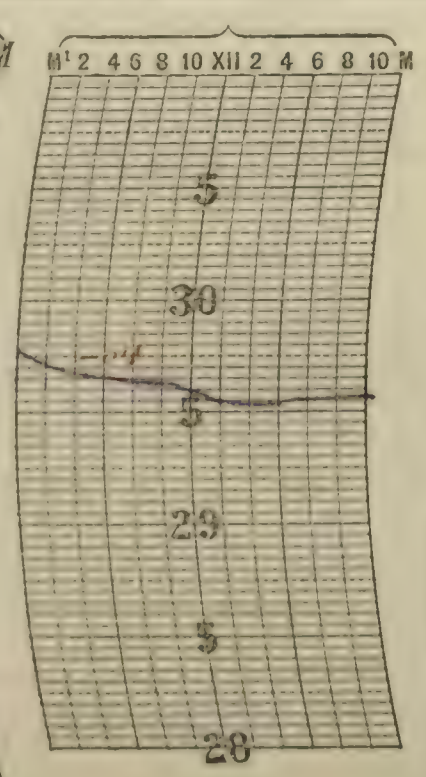
Maximum velocity,	Direction,	Time.
22	SW	12:29 p. m.
Maximum vel., 23	SW	12:29 p. m.

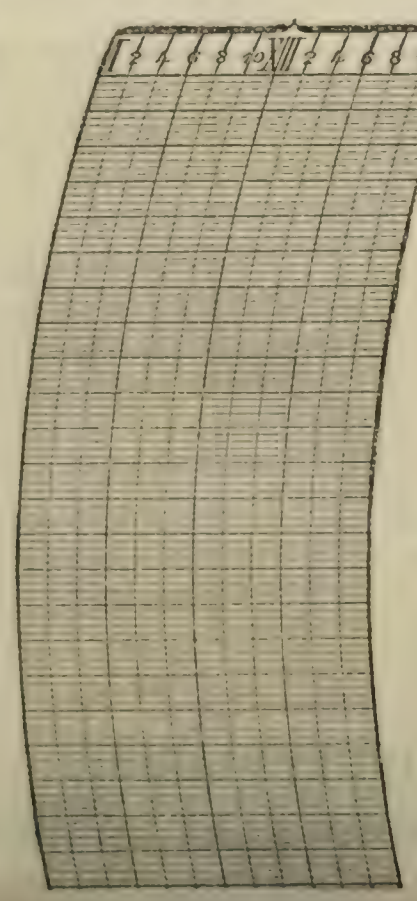
Relative humidity, 56 a. m. p. m.

Reduced barometer, 30.20 a. m. p. m.

River gage, 18.7, falling







NOTES.

Lennartz & Kreis, grocers of Peru dlr., informed this office today that the river above the bridge contained drift ice frozen together, but below the bridge the river was [illegible]

Prepared by

Verified by

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE, ILL., (Day of week) Saturday, (Date) DEC 14 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	34	33	32	31	29	29 +1	31	32	35	40	42
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Pt Cldy		Cldy		Cldy		Pt Cldy	
Sunrise: Time, Character,	7:13 Clear											
Sunshine (in tenths of hours)								.48 0	0	0.7	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	7	7	5	4	4	4	5	5	8	10	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	47	48	46	43	40	40	41	39	39	40	41
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Clear	Moon visible							
Sunset: Time, Character,									4:28 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.1 0.9	.47 0							
Wind direction	SW	SW	SW	S	S	S	S	SW	SW	SW	SW	SW
Wind movement	11	10	12	9	6	5	6	10	8	8	7	7

Maximum velocities (exceeding 25 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum	Minimum.	Mean.	Normal.
48	29	38	28

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cldy Moon phase,

Average daily cloudiness (0–10) 5

Actual sunshine, hours, 7.6

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 83

Prevailing direction Southwest

Total movement, 178

Average hourly velocity, 7.4

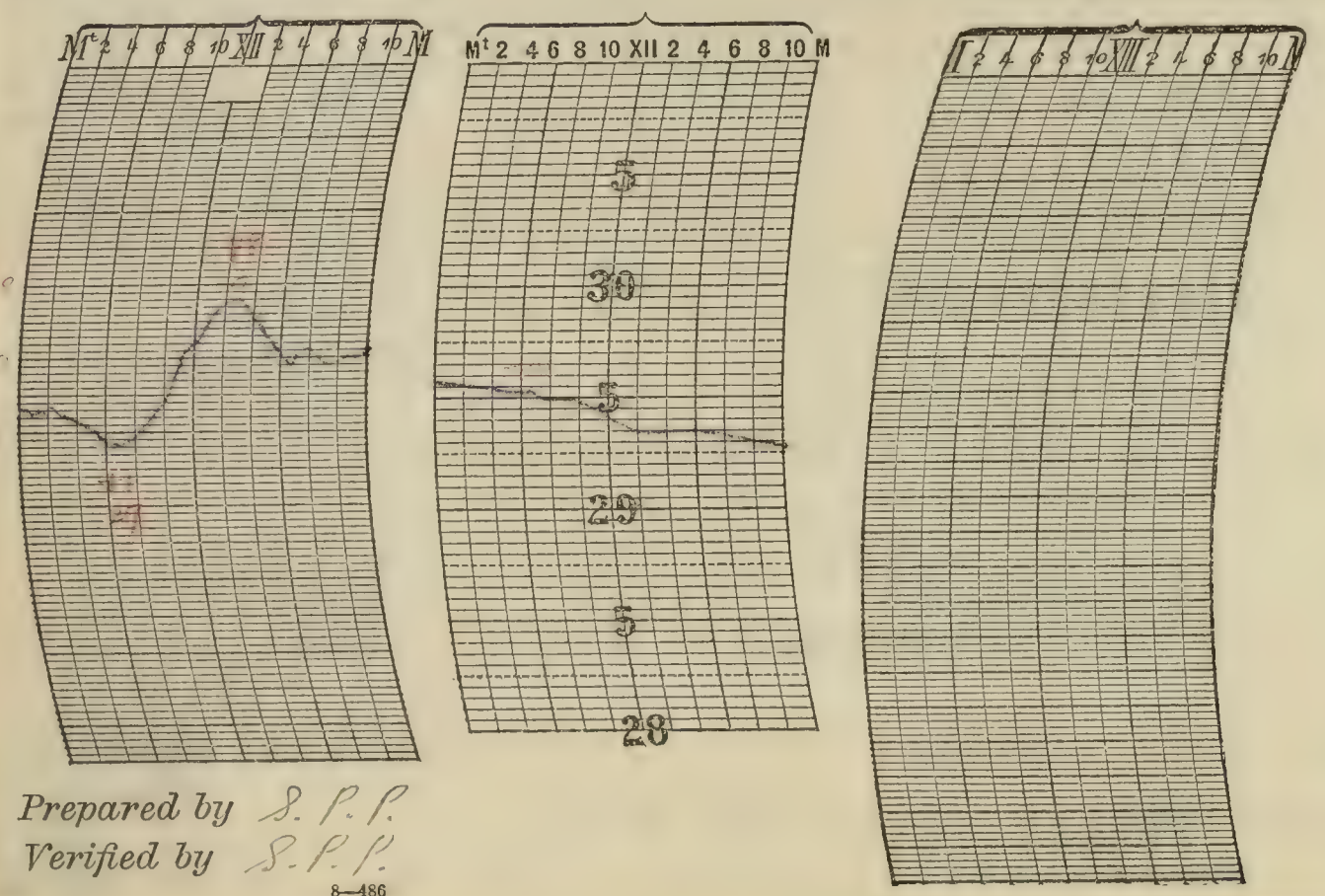
Maximum velocity,	Direction,	Time.
16	SW	12:29 pm
	16 – SW	– 12:29 pm

Relative humidity, 90 a. m. p. m.

Reduced barometer, 30.08 a. m. p. m.

River gage, 15.7, rising

NOTES.



Prepared by S. P. P.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) DEC 1 5 1912, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	43	41	40	39	39	39	39	39	42	44	[illegible]
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear			Partly			Clear	
Sunshine (in tenths of hours)								.77 0	0.1 0.9	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W
Wind movement	9	12	12	11	14	14	15	15	18	17	18	20

Sunrise: Time, 7:14; Character, Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	48	48	45	41	39	39	38	38	37	36	36
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Moon visible							
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	.28 .20							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	18	20	19	15	11	7	6	6	7	5	5	4

Sunset: Time, 4:29; Character, Clear

Maximum velocities (exceeding 25 miles) direction and time: 2:01 W 26

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
[illegible]	[illegible]	[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 2

Actual sunshine, hours, 9.2

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 100

Prevailing direction West

Total movement, 298

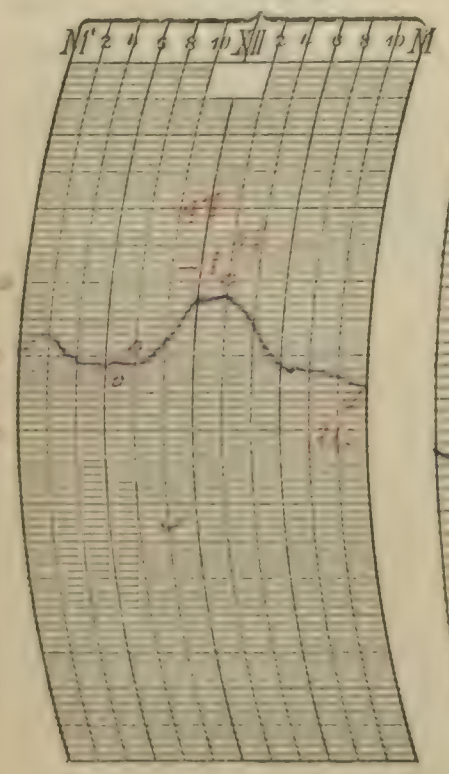
Average hourly velocity, 12.4

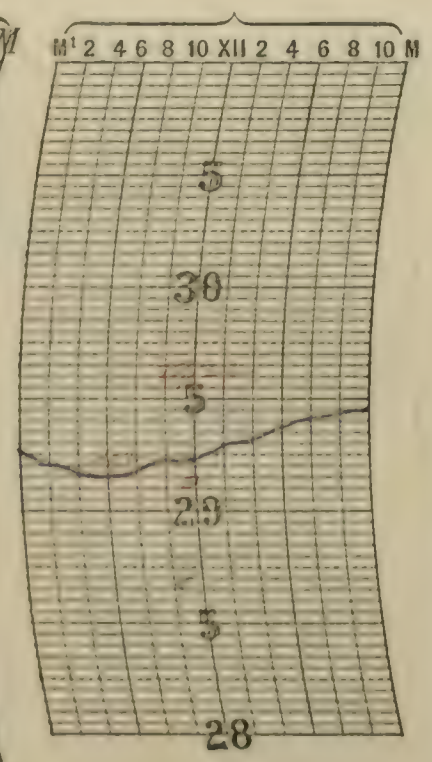
Maximum velocity,	Direction,	Time.
26	W	2:01 pm
Experimental Vol., 28	W	2:02 pm

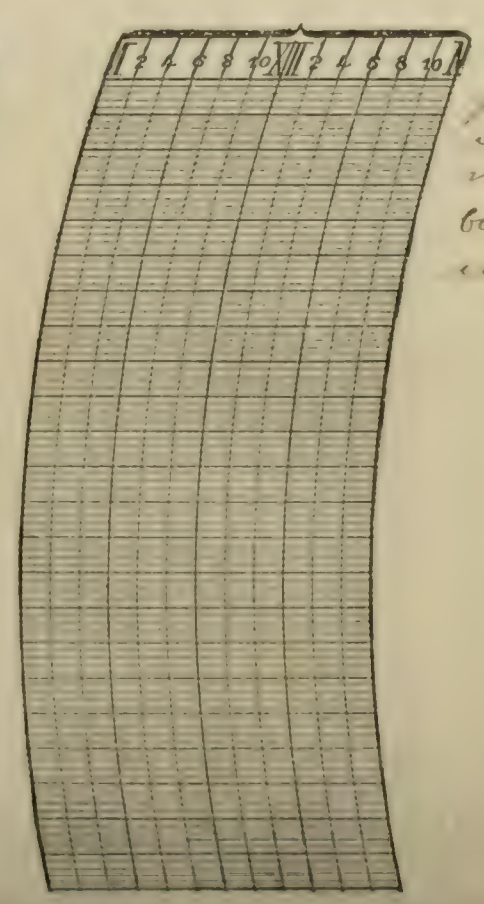
Relative humidity, 80 a. m. p. m.

Reduced barometer, 29.71 a. m. p. m.

River gage, [illegible]







NOTES.

The western sky was illuminated with a pale yellow light for about twenty minutes after sunset. The altitude of the illumination was about 35° and the arc both north and south of the point of sunset was about 50°.

Prepared by S. P. P.
Verified by S. P. P.

1-16

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Monday, (Date) DEC 16 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	35	35	35	34	34	c 34	0 33	34	36	39	40	41	43	42	41	41	41	41	42	41	39	39	40
State of weather: Nature of precipitation and time of beginning and ending																					RB 8:02			
Amounts of precipitation																					T	* .32		
Cloudiness and other conditions											c Cloudy													
Sunrise: Time, Character,	7:15 c Cloudy																				Sunset: Time, Character, 4:29 c Cloudy			
Sunshine (in tenths of hours)								0	0	0	0.6	0.8	0.8	1.0	0.1	0	0							
Wind direction	W	W	W	W	NE	NE	NE	E	SE	SE	SE	SE	SE	SE	SE	E	E	E	E	E	SE	SE	SE	SE
Wind movement	5	5	3	3	4	1	3	2	3	3	8	9	9	9	10	10	11	14	12	14	10	10	12	12
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
43	33	38	2

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, * .32 inches.

Character of day, Cloudy Moon phase, D. C.

Average daily cloudiness (0-10) 9

Actual sunshine, hours, 3.3

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 36

Prevailing direction Southeast

Total movement, 182

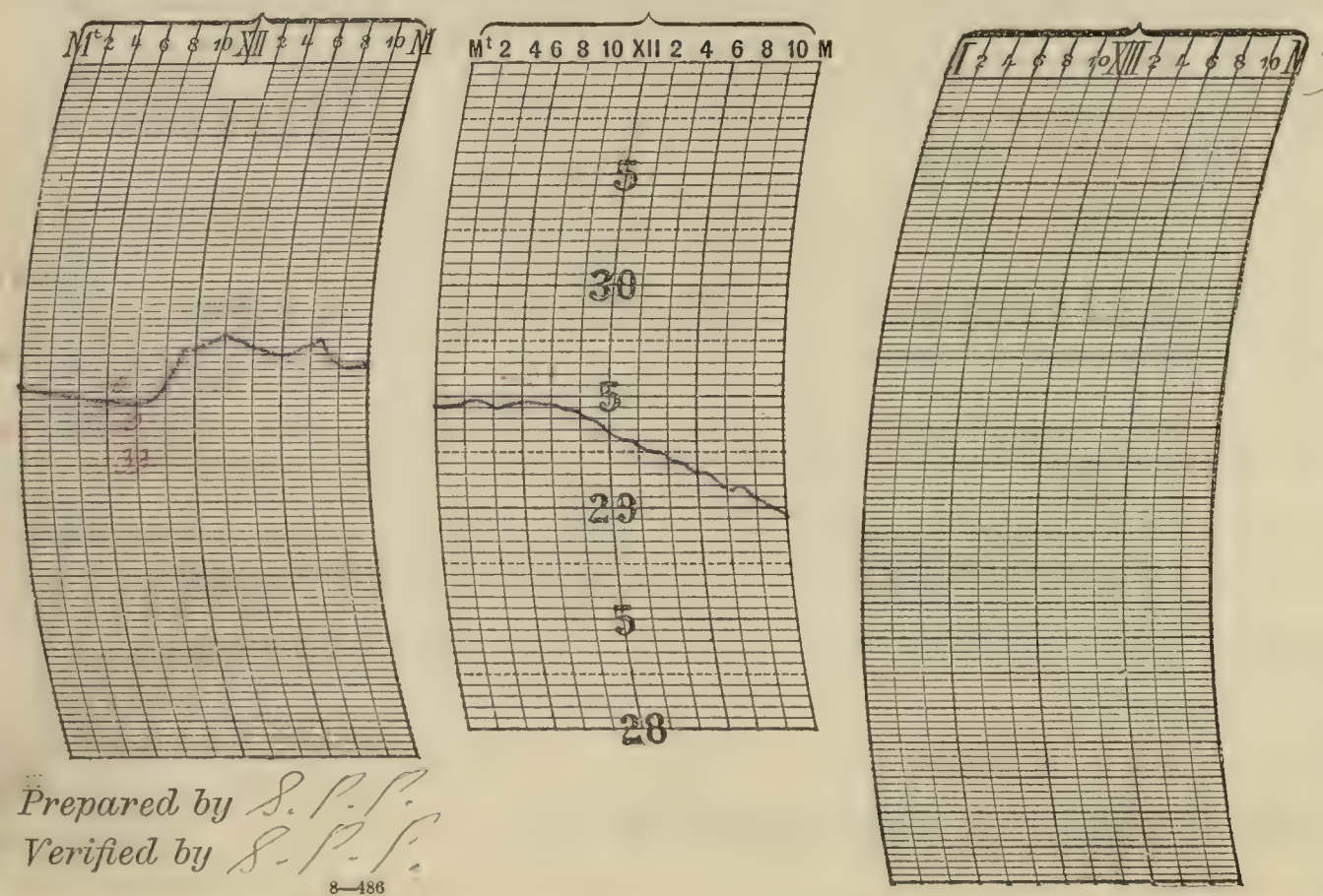
Average hourly velocity, 7.6

Maximum velocity,	Direction,	Time.
16	E	5:33 pm
Extreme vel. .17	E	7:10 pm

Relative humidity, 91 a. m. ____ p. m.

Reduced barometer, 30.04 a. m. ____ p. m.

River gage, 16.0, on stand



NOTES.

* Estimated

Small drifts of floating ice in the river today.

Prepared by S. P. S.

Verified by S. P. S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) DEC 1 - 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	42	44	43	41	40	39	38	37	36	36	39	38	37	37	37	37	36	36	36	36	35	35	35
State of weather: Nature of precipitation and time of beginning and ending		R*	RE	Da																				
Amounts of precipitation		.16		T																				
Cloudiness and other conditions											Cloudy													
Sunshine (in tenths of hours)								.43 0	0.5	0.7	0	0.9	0.9	0	0	0	0							
Wind direction	SE	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W
Wind movement	11	11	14	14	20	17	15	17	18	17	17	16	20	18	17	17	17	18	14	14	16	15	13	13
Maximum velocities (exceeding 25 miles) direction and time													12:54 SW 26											

Sunrise: Time, 7:16; Character, Cloudy

Sunset: Time, 4:29; Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	44	35	40	37

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .48 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .16* inches.

Character of day, Cloudy; Moon phase,

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 3.4

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 37

Prevailing direction Southwest

Total movement, 379

Average hourly velocity, 15.8

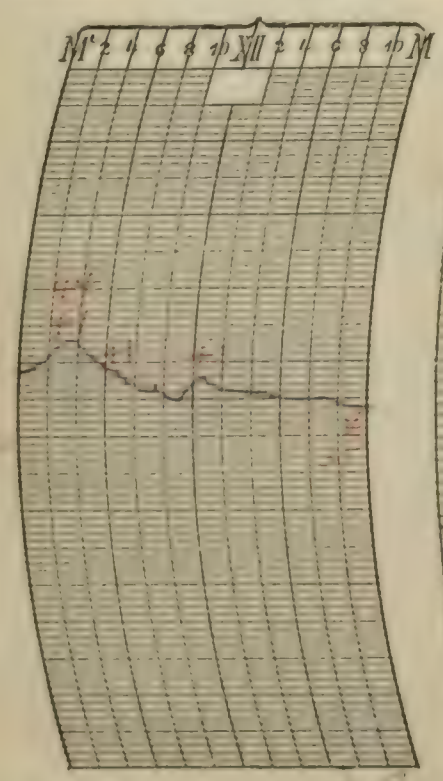
	Maximum velocity,	Direction.	Time.
	26	SW	12:54 p.m.
	27	SW	12:53 p.m.

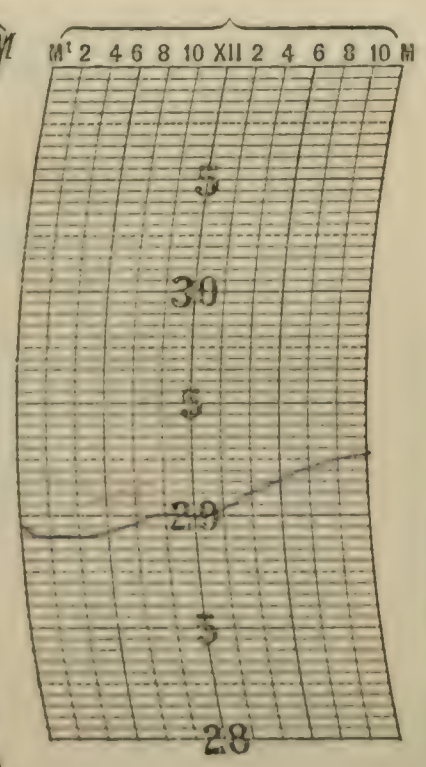
	a. m.	p. m.
Relative humidity,	84	
Reduced barometer,	29.57	

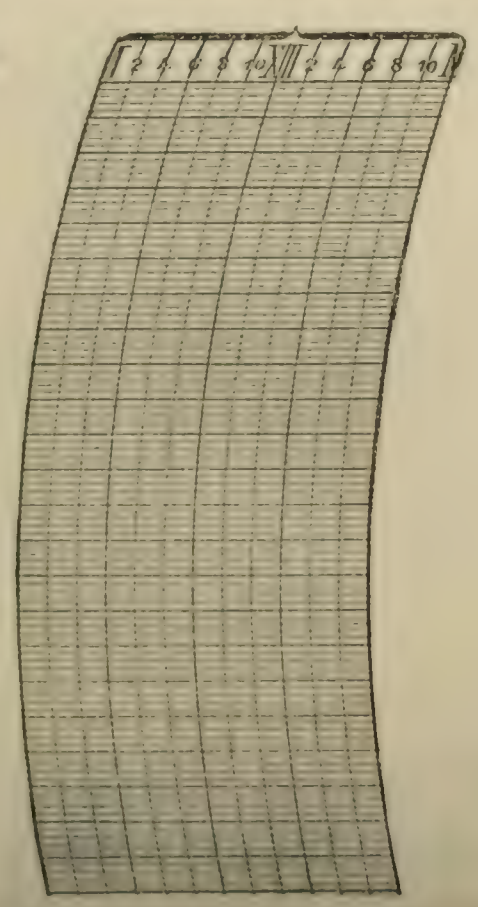
River gage, 14.9, falling

* Estimated.

NOTES.







Prepared by S. V.

Verified by S. V.

1—186

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL., (Day of week) Wednesday, (Date) [illegible], 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	34	34	34	35	33	33	32 +1	32	32	32	32	33
State of weather: Nature of precipitation and time of beginning and ending												S 12:18 S 12:35
Amounts of precipitation												
Cloudiness and other conditions									Cloudy			
Sunrise: Time, 7:16 Character, Cloudy												
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	11	11	12	10	10	10	10	8	8	8	7	1
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	31	30	30	29	30	29	28	28	28	27	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending	S 12:35		S 2:30		S 4:50							
Amounts of precipitation	T		←	T	→							
Cloudiness and other conditions												
Sunset: Time, 4:30 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	7	14	12	7	9	13	13	16	15	14	12	14
Maximum velocities (exceeding 25 miles) direction and time												

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
35	28	2[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 0

Prevailing direction West

Total movement, 266

Average hourly velocity, 11.1

Maximum velocity,	Direction,	Time.
21	NW	7:18 pm
Extreme vel. 22	NW	7:38 pm

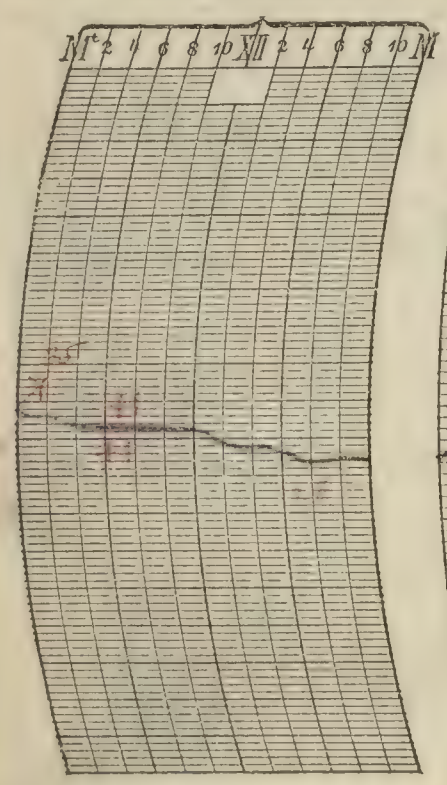
Relative humidity, 75 a. m. ____ p. m.

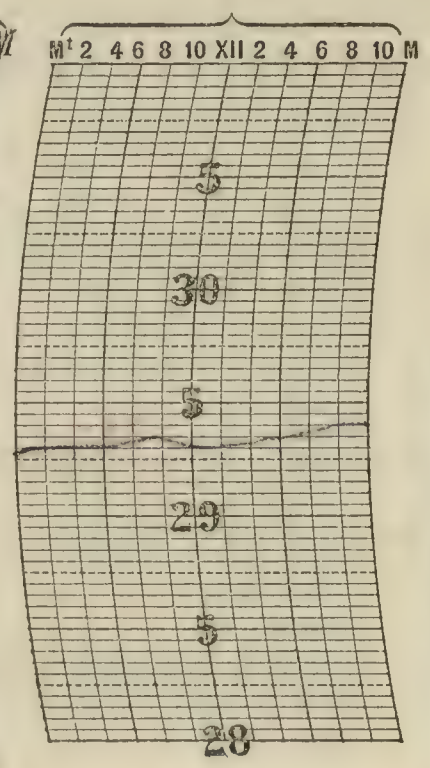
Reduced barometer, 28.87 a. m. ____ p. m.

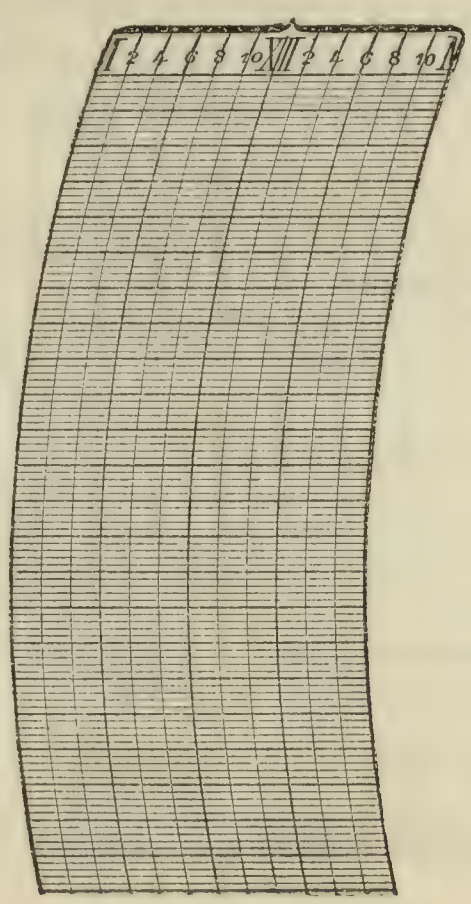
River gage, 14.8, falling

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

NOTES.







Prepared by S. P. P.
Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) Thursday, (Date) DEC 9 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	28	28	+1 27	27	28	+1 28	29	30	31	32	32	32	33	+1 33	34	34	34	34	34	34	[illegible]	33	33
Nature of precipitation and time of beginning and ending							5:40 B	7:05 B																
Amounts of precipitation							T	T																
Cloudiness and other conditions						Cloudy					X Pt Cldy	X	Cldy	X	Pt Cldy		X Cloudy					Clear	Clear	
Sunshine (in tenths of hours)								0	0	0.3	1.0	1.0	1.0	1.0	1.0	0.6	.30 0							
Wind direction	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW	SW	SE	SE	SE	SE	SE	SE	SE	SE	W	W
Wind movement	12	11	11	10	12	8	10	6	4	[illegible]	[illegible]	[illegible]	12	10	9	8	6	6	6	6	3	6	13	15

Sunrise: Time, 7:17; Character, Cloudy

Sunset: Time, 4:30; Character, Clear

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	34	27	32	34

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy. Moon phase,

Average daily cloudiness (0-10) 5

Actual sunshine, hours, 6.2

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 67

Prevailing direction W. & E.

Total movement, 2.7

Average hourly velocity, 9.0

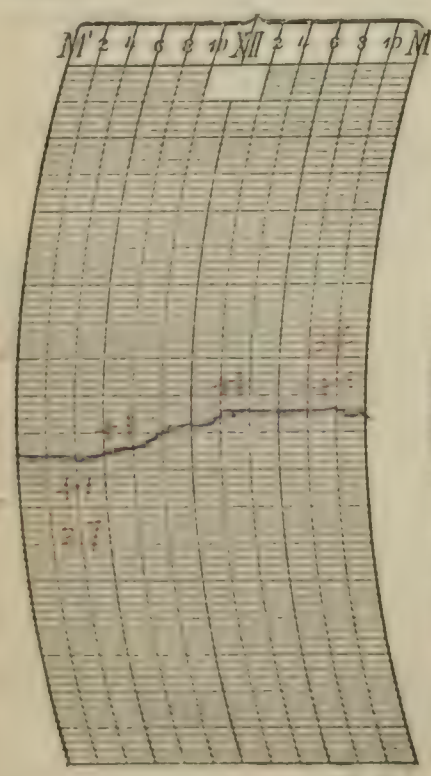
Maximum velocity,	Direction,	Time.
17	SW	10:21 p. m.

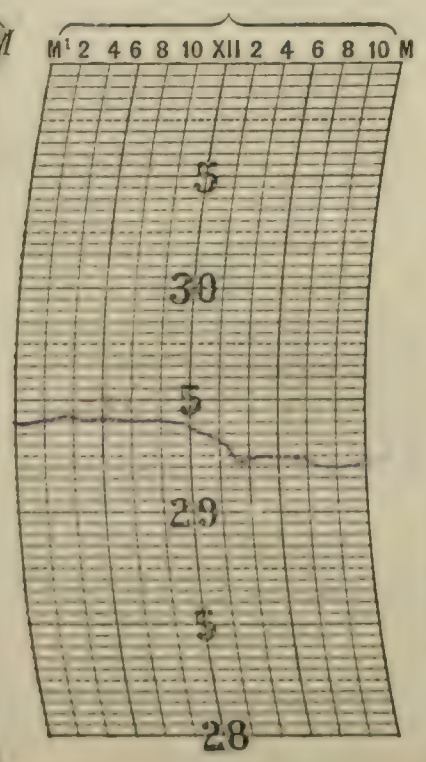
Extreme vel. 20 - SW - 10:21 p. m.

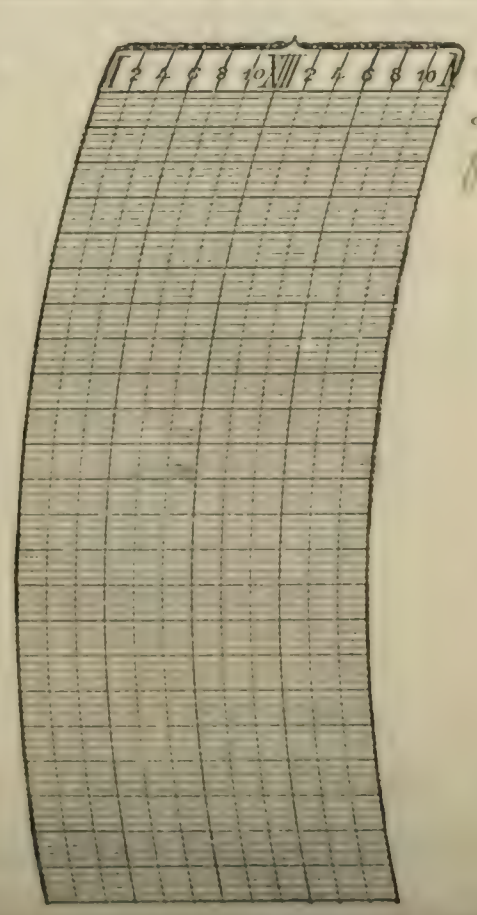
Relative humidity, 66 a. m. p. m.

Reduced barometer, 30.00 a. m. p. m.

River gage. [illegible]







NOTES.

Special observation was taken at 5:00 p.m. and telegraphed to Washington. Pressure fell on Friday.

Prepared by [illegible]

Verified by [illegible]

8—186

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL, (Day of week) Friday, (Date) DEC 5 1913, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	33	34	33	32	31	31	31	28	26	27	27	27	27	26	25	25	24	23	[illegible]	22	21	[illegible]	[illegible]
									SdB 8:10	Sds 9:05		SdB 11:55			Sds 2:10									
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation									T	T		T	T	T	T									
Cloudiness and other conditions	[illegible]	[illegible]	Clear				[illegible]	[illegible]	Cldy	[illegible]	Cloudy									[illegible]	Clear			
Sunrise: Time, 7:17 Character, Cloudy																								
Sunset: Time, 4:30 Character, Clear																								
Sunshine (in tenths of hours)								.52 0	0	0	0.4	0	0	0	0	0	0							
Wind direction	W	W	W	W	W	W	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	17	15	13	10	10	12	13	12	14	19	14	15	18	18	19	18	18	16	12	10	11	12	14	11
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
34	19	26	26

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 9

Actual sunshine, hours, 1.1

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 12

Prevailing direction West

Total movement, 341

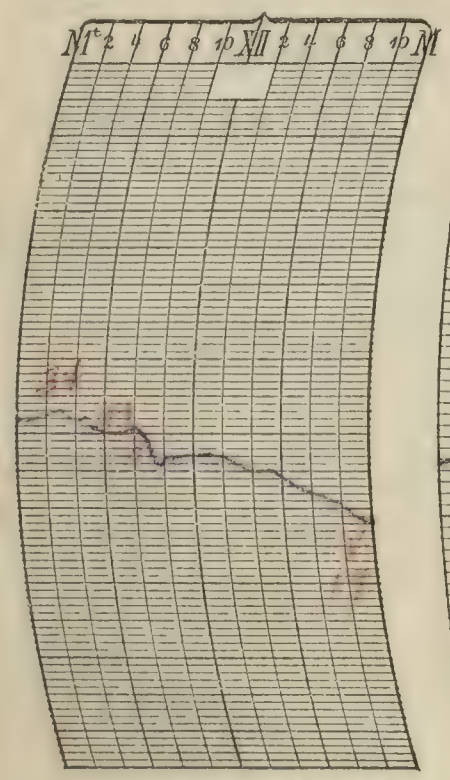
Average hourly velocity, 14.2

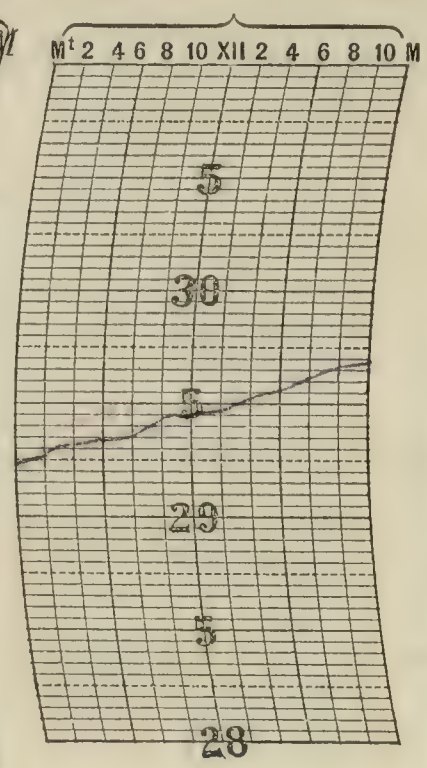
Maximum velocity,	Direction,	Time.
Extreme 24	W	1:45 pm
25 – m		9:33 am

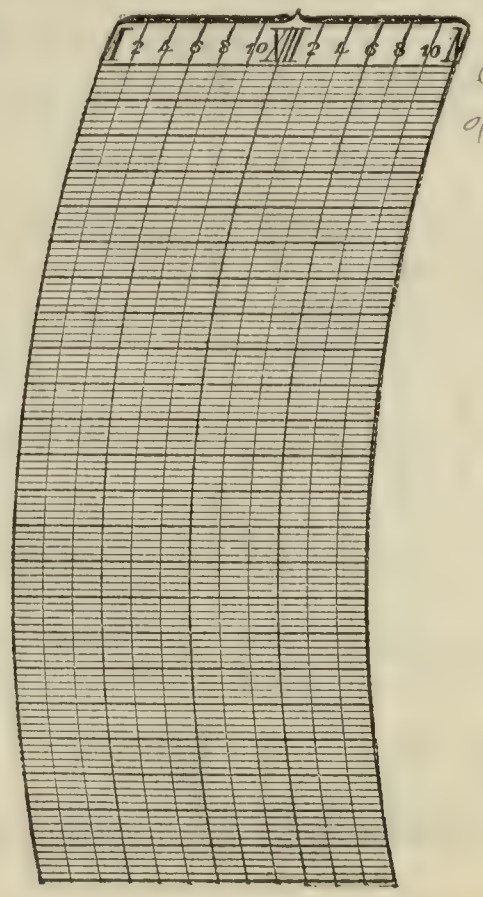
Relative humidity, 84 a. m. p. m.

Reduced barometer, 29.91 a. m. p. m.

River gage, [illegible]







NOTES.

The sun set very red; but the clouds being low so that an observation of the extent of the illumination of the sky was impossible.

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) Saturday, (Date) [illegible] 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	18	18	17	16	16	16	16 +1	17	19	22	25	27	30	31	32	33	32	32	31	31	31	33 +1	32	30
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation	Clear																				Clear visible			
Cloudiness and other conditions										Clear														
Sunrise: Time, 7:18 Character, Clear																					Sunset: Time, 4:31 Character, Clear			
Sunshine (in tenths of hours)								.70 0	.64 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.55 0							
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N	N	SW	SW	SW	SW	SW	SW	N	N	SW	SW	N
Wind movement	11	11	10	8	10	9	7	7	9	9	8	5	7	7	9	8	6	7	4	5	7	9	14	11
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
33	16	24	26

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) few

Actual sunshine, hours, 7.2

Possible sunshine, hours, 9.1

Percentage of possible sunshine, 100

Prevailing direction N east

Total movement, 201

Average hourly velocity, 8.4

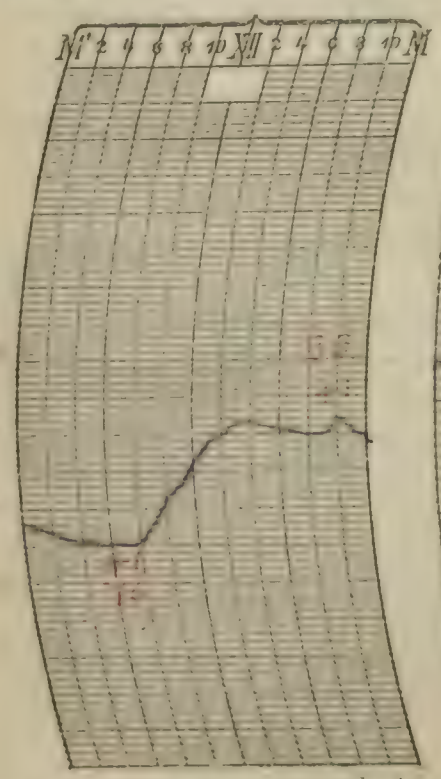
Maximum velocity,	Direction,	Time.
16	N	10:08 pm
17	SW	10:07 pm

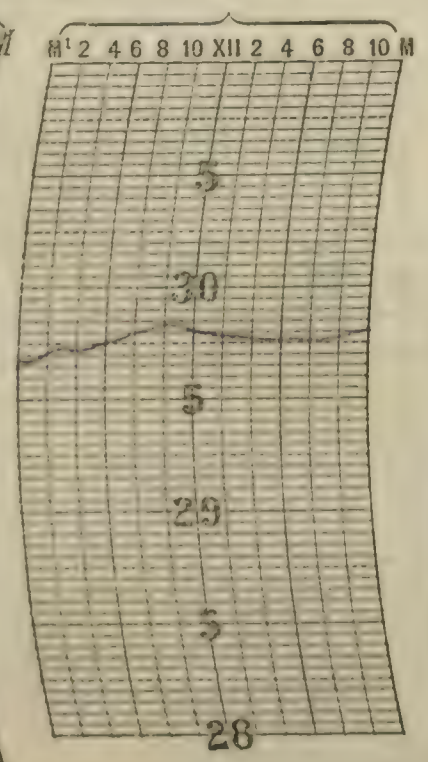
Relative humidity, 74 a. m. p. m.

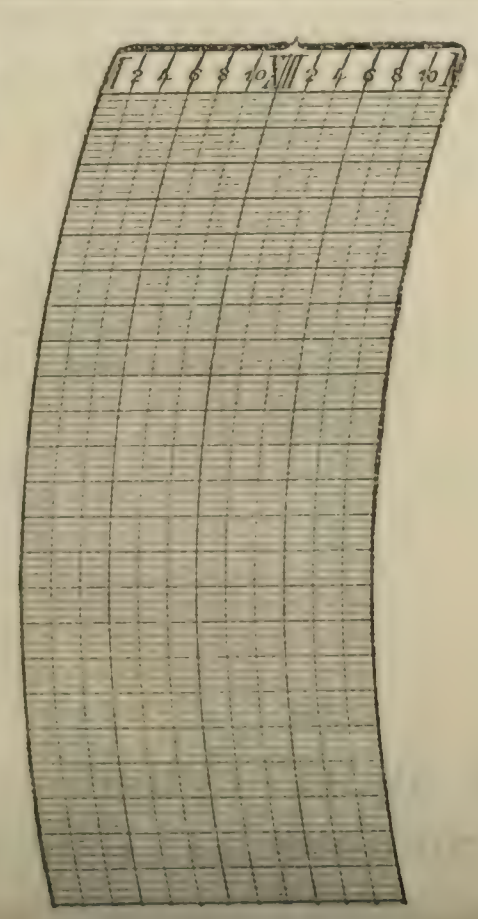
Reduced barometer, 30.37 a. m. p. m.

River gage, [illegible]

NOTES.







Prepared by [illegible]

Verified by [illegible]

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL, (Day of week) Sunday, (Date) [illegible], 191

Time (local standard), 75 mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	26	24	22	21	19	18 +1	17 +1	18	17	20	23	27	29	30 0	29	27	26	24	23	23	22	22	24
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Above visible						Cloudy						Pt Cldy	Clear					Above visible					
Sunrise: Time, Character	7:18 Clear																				Sunset: Time, Character 4:31			
Sunshine (in tenths of hours)								.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.42 .10							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	9	8	7	7	8	7	6	6	7	7	6	8	10	10	10	7	4	5	4	3	4	4	8
Maximum velocities (exceeding 9 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
31	17	24	25

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cldy Moon phase,

Average daily cloudiness (0-10) 5

Actual sunshine, hours, 9.2

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 100

Prevailing direction Southwest and West

Total movement, 163

Average hourly velocity, 6.8

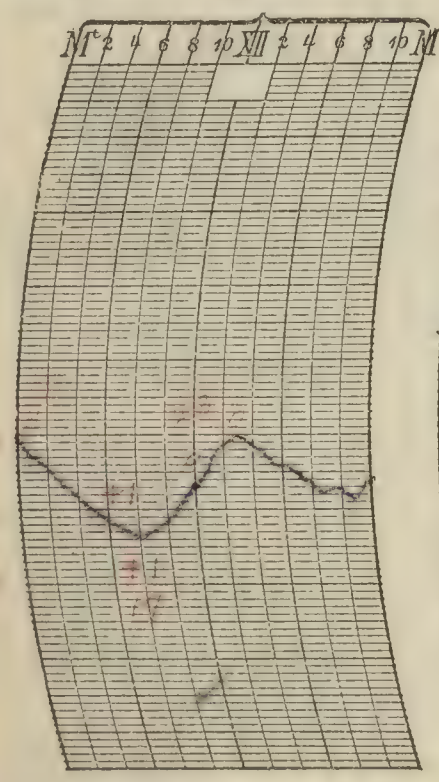
Maximum velocity,	Direction,	Time.
13	SW	11:42 pm
	13 - SW	- 11:42 pm

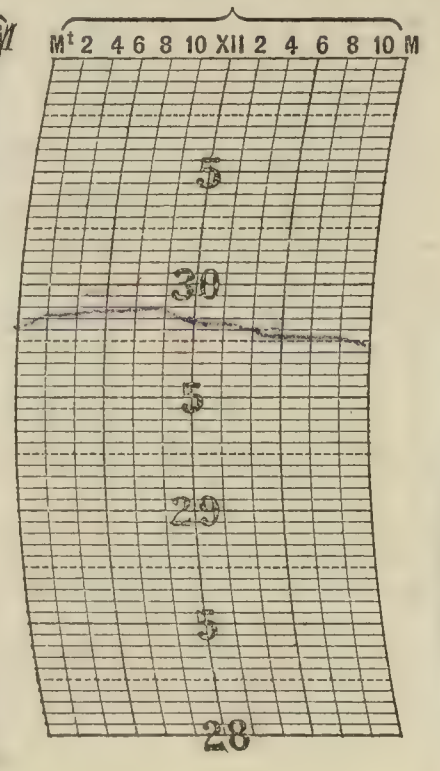
Relative humidity, 82 a. m. p. m.

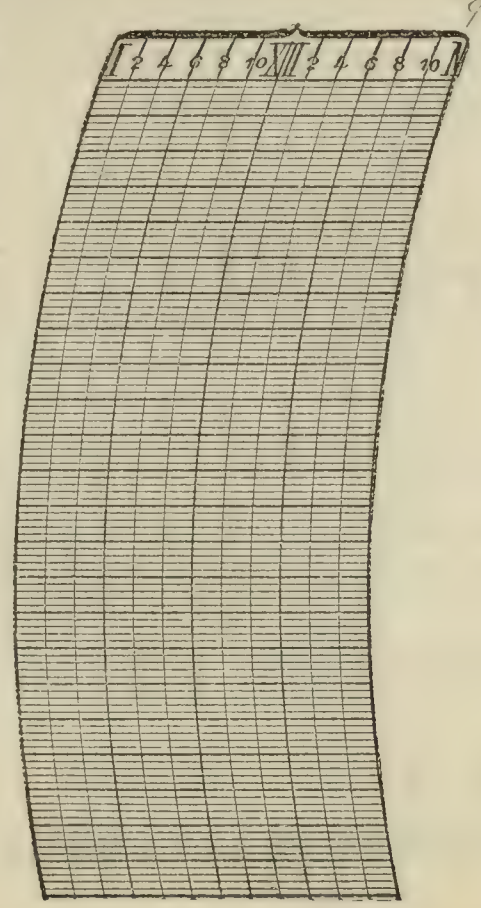
Reduced barometer, 30.47 a. m. p. m.

River gage, 14.3 above zero

NOTES.







Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Monday, (Date) DEC 2 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	24	23	24	24	24	25	25	27	32	37	40	40	41	41	40	37	35	34	32	33	32	30	28
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Moon visible						Clear						Cloudy				Clear			Moon visible				
Sunshine (in tenths of hours)								.6 0	.5 0.5	1.0	1.0	1.0	1.0	1.0	0	0	.4 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W	W
Wind movement	8	8	8	4	8	8	10	14	12	10	12	14	14	15	12	8	5	3	4	5	3	7	7	10
Maximum velocities (exceeding 25 miles) direction and time																								

Sunrise: Time, 7:19 Character, Clear

Sunset: Time, 4:32 Character, Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
Temperature	42	23	32	21

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Partly Cloudy Moon phase, O 10:30 pm

Average daily cloudiness (0-10) 5

Actual sunshine, hours, 7.1

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 77

Prevailing direction Southwest

Total movement, 209

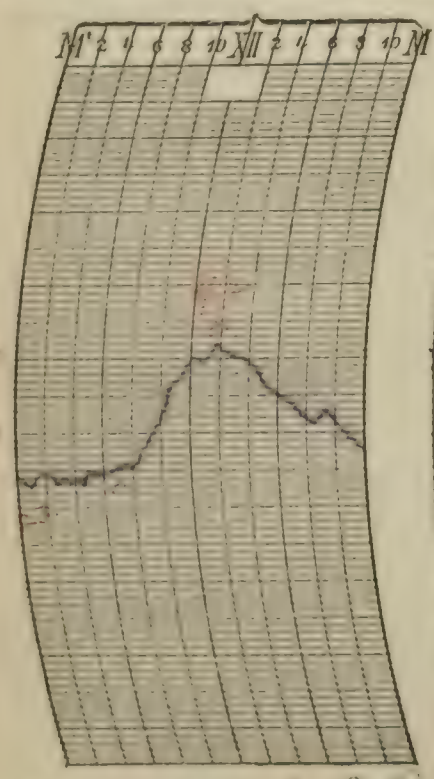
Average hourly velocity, 8.7

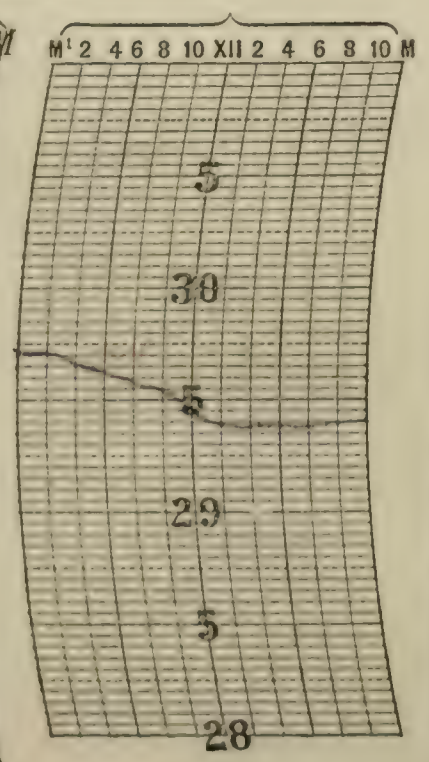
Maximum velocity,	Direction,	Time.
25	SW	1:48 pm
Extreme vel., 26	SW	1:47 pm

Relative humidity, 70 a. m. ____ p. m.

Reduced barometer, 30.16 a. m. ____ p. m.

River gage, 15.8, rising





NOTES.

River at Peru almost filled with drifting ice.

Special observation taken at 1:40 pm and telegraphed to Washington

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) DEC 24 191, 191

Time (local standard), 75 mer.

1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	26	25	24	24	24	+1 23	+1 22	25	30	35	40	43	+1 45	45	43	41	40	39	40	40	39	36	35
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Cloudy	visible			Smoke					Clear										Cloudy	visible			
Sunshine (in tenths of hours)								0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.35 .20							
Wind direction	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW	SW	S	S	S	S	S	SW	SW	SW	SW	SW
Wind movement	8	5	4	5	4	4	3	3	5	5	6	9	11	12	9	8	3	6	10	12	11	16	11	7
Maximum velocities (exceeding 25 miles) direction and time																								

Sunrise: Time, 7:17 Character, Smoky

Sunset: Time, 4:33 Character, Clear

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum.	45
Minimum.	22
Mean.	34
Normal.	27

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 1

Actual sunshine, hours, 8.4

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 91

Prevailing direction Southwest

Total movement, 177

Average hourly velocity, 7.4

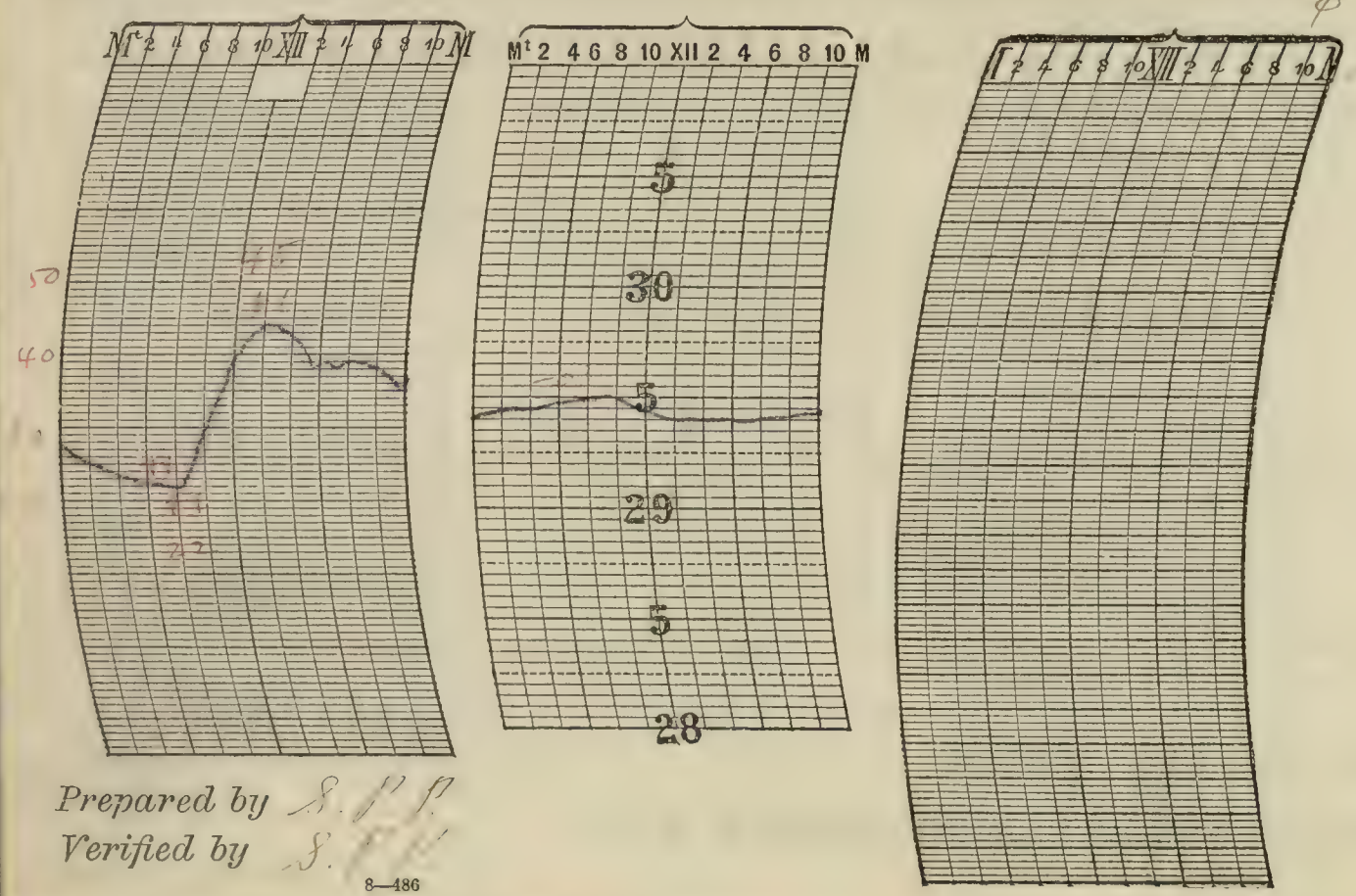
Maximum velocity,	Direction,	Time.
19	SW	9:56

Extreme vel., 20 - S — 9:54 p.

Relative humidity, 94 a. m. p. m.

Reduced barometer, 30.04 a. m. p. m.

River gage, 16.8, rising



Prepared by S. P. P.

Verified by S. P.

8—486

NOTES.

φ Eye observation.

Smoke forward 7 Ha and ended at 8:30 am.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) DEC. 2 [illegible], 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	38	36	34	33	32	32	31	34	37	39	42	43	44	44	42	41	39	37	[illegible]	[illegible]	36	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Moon visible										Clear								Moon visible					
Sunrise: Time, 7:10; Character, Clear																					Sunset: Time, 4:33; Character, Clear			
Sunshine (in tenths of hours)								.67 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.45 .10							
Wind direction	SW	SW	SW	SW	SW	SW	W	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S	S	S	SE
Wind movement	11	12	16	15	11	10	10	8	7	11	[illegible]	[illegible]	9	8	9	6	5	2	1	[illegible]	4	1	[illegible]	[illegible]
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
44	[illegible]	[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 0

Actual sunshine, hours, 7.2

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 100

Prevailing direction Southwest

Total movement, 100

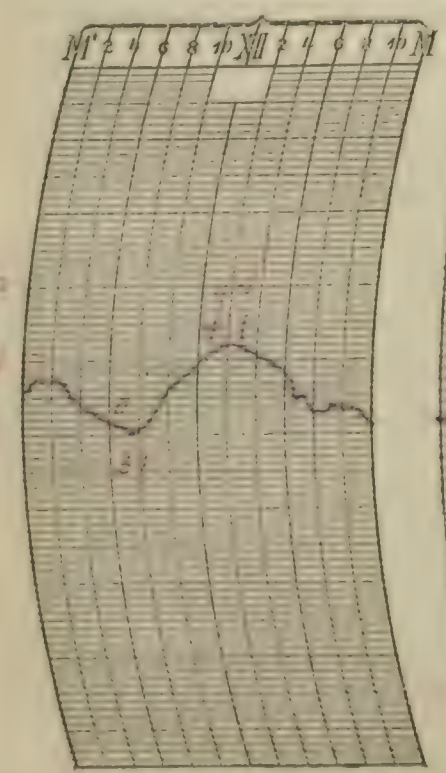
Average hourly velocity, 4.2

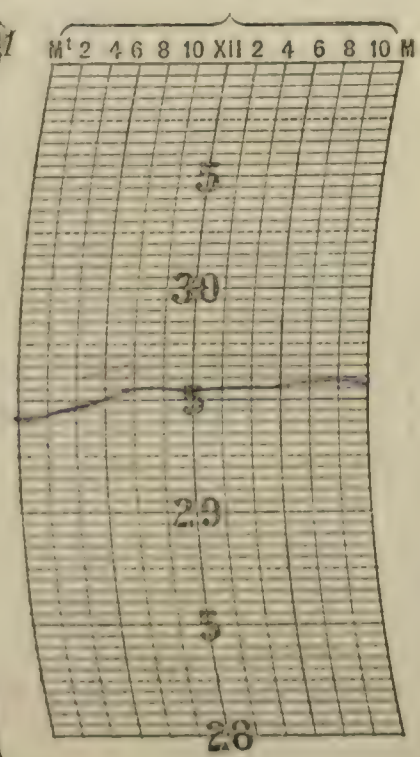
Maximum. velocity,	Direction,	Time.
19	SW	2:35 am
20	SW	2:33 am

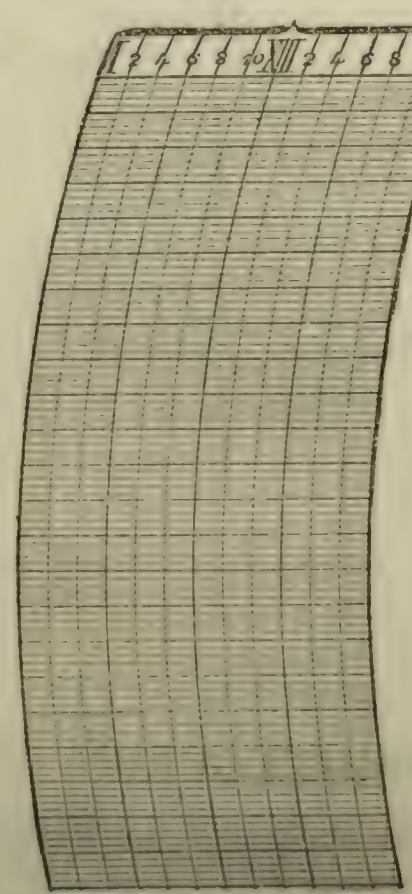
Relative humidity, [illegible] a. m. p. m.

Reduced barometer, 30.[illegible] a. m. p. m.

River gage, 16.9, rising







Prepared by [illegible]

Verified by [illegible]

× Interpolated.

NOTES.

From 4:15 pm to 4:30 pm the western sky was illuminated with a very pronounced yellowish red color. The altitude of this illumination was about 30° and the azimuth 15° north and south of the point of sunset was about 50°. The illumination gradually diminished, and disappeared about 5:30 pm.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) [illegible], 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	31	31	31	31	30	30 (+1)	31	31	32	33 (10:48)	34
Nature of precipitation and time of beginning and ending											← T →	
Amounts of precipitation												
Cloudiness and other conditions											Cloudy	
Sunrise: Time, Character,	7:20 Cloudy											
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W
Wind movement	3	2	2	3	3	5	4	1	2	4	5	
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36 (12:15)	37	37 (+1)	37	33	33	31	30	29	28	24	23
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy		Pt Cloudy		Cloudy							
Sunset: Time, Character,									4:34 Cloudy			
Sunshine (in tenths of hours)	0.8	0.7	0	0.6	0							
Wind direction	W	W	W	W	W	W	NW	NW	NW	W	W	W
Wind movement	1	4	8	6	8	12	12	16	13	14	13	11

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	38	23	30	25 *

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0 inches. * Melted as it fell.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 9

Actual sunshine, hours, 2.1

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 23

Prevailing direction West

Total movement, 156

Average hourly velocity, 6.5

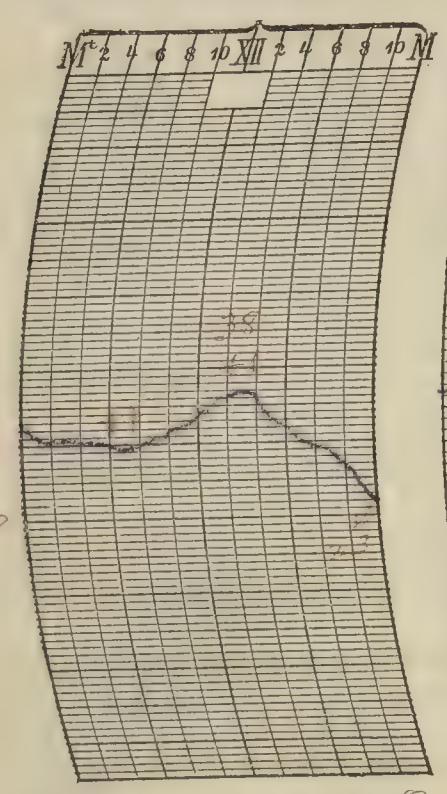
Maximum velocity,	Direction,	Time.
19	W	9:52 pm
Extreme vel., 21	NW	9:52 pm

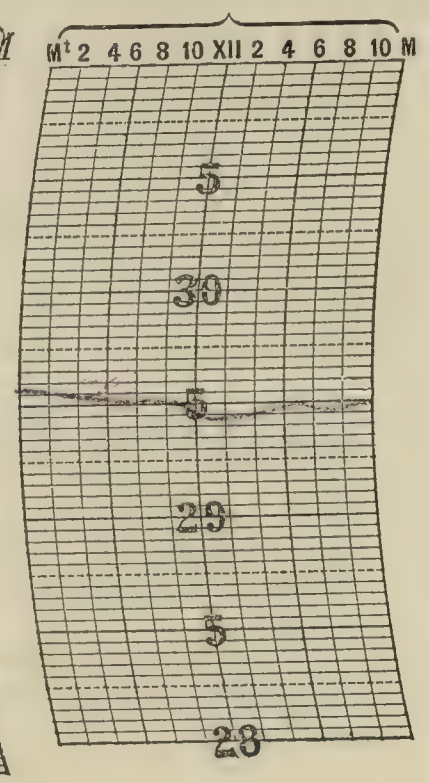
Relative humidity, 86 a. m. p. m.

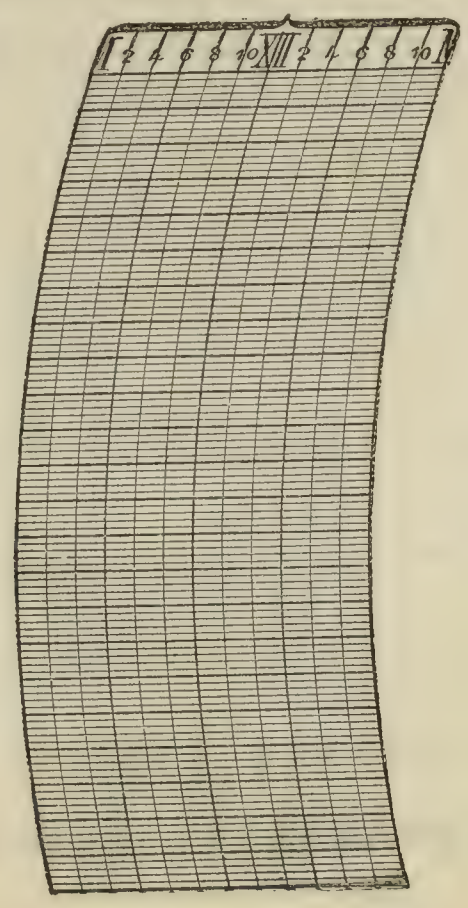
Reduced barometer, 30.07 a. m. p. m.

River gage, 16.0, fall

NOTES.







Prepared by S. P. P.

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) DEC 2 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	21	20	20	1	21	21	20	21	21	22	24
State of weather: Nature of precipitation and time of beginning and ending			SL B Dla								SL E 10:50	
Amounts of precipitation								T				
Cloudiness and other conditions						Cloudy						~~Xtx~~
Sunrise: Time, Character, 7:20 Cloudy												
Sunshine (in tenths of hours)								0	0	0	0.1	1.0
Wind direction	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW
Wind movement	7	7	9	9	12	15	17	15	12	12	11	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	27	27	27	26	24	24	24	24	24	-	-
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Clear						Moon visible			
Sunset: Time, Character, 4:34 Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	37 20							
Wind direction	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	13	12	11	10	9	6	7	9	12	11	9	10

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
25	20	24	-

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cldy Moon phase,

Average daily cloudiness (0-10) 5

Actual sunshine, hours, 5.7

Possible sunshine, hours, 9.2

Percentage of possible sunshine 62

Prevailing direction West

Total movement, 261

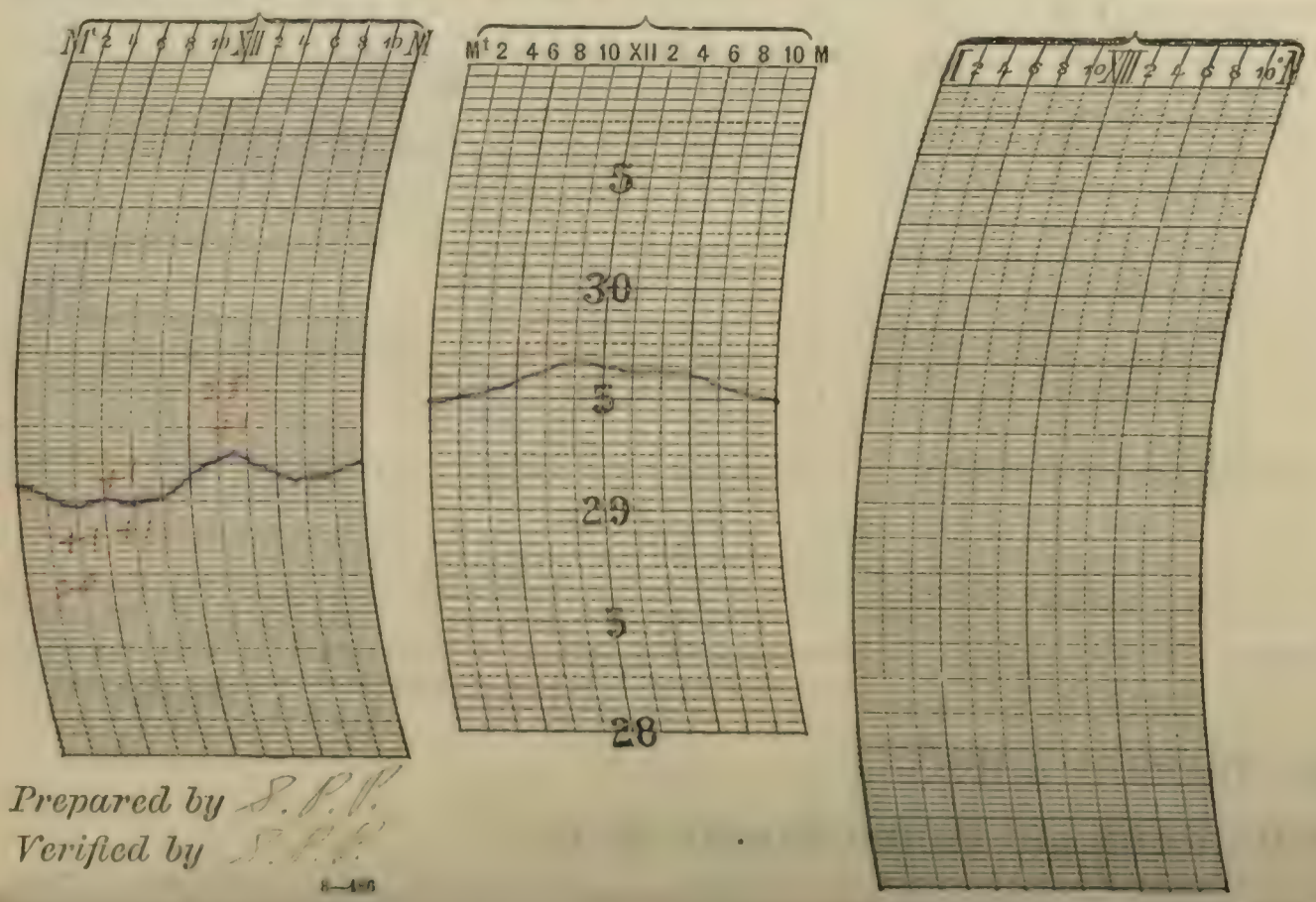
Average hourly velocity, 10.9

Maximum velocity,	Direction,	Time.
22	NW	6:14 am
Extreme Vel.: 23	NW	6:15 am

Relative humidity, 78 a. m. ____ p. m.

Reduced barometer, 30.18 a. m. ____ p. m.

River gage, 14.7 falling



NOTES.

Prepared by S. P. W.

Verified by S. P. W.

8—1-6

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL, (Day of week) Saturday, (Date) DEC 8 1912, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	26	27	27	28	27	26	26	26	31	36	38	43
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	Ulcou	visibe					Clear					
Cloudiness and other conditions												
Sunrise: Time, Character,	7:21 Clear											
Sunshine (in tenths of hours)								.65	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	10	11	9	9	8	6	5	5	8	11	12	10

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	47	48	50	49	46	43	42	42	42	40		
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation									Ulcou	visible		
Cloudiness and other conditions												
Sunset: Time, Character,									4:35 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	.20							
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	SW	SW	SW	SW
Wind movement	11	13	13	10	9	9	5	4	5	7	10	13

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
50	25	38	24

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 0

Actual sunshine, hours, 9.2

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 100

Prevailing direction Southwest

Total movement, 215

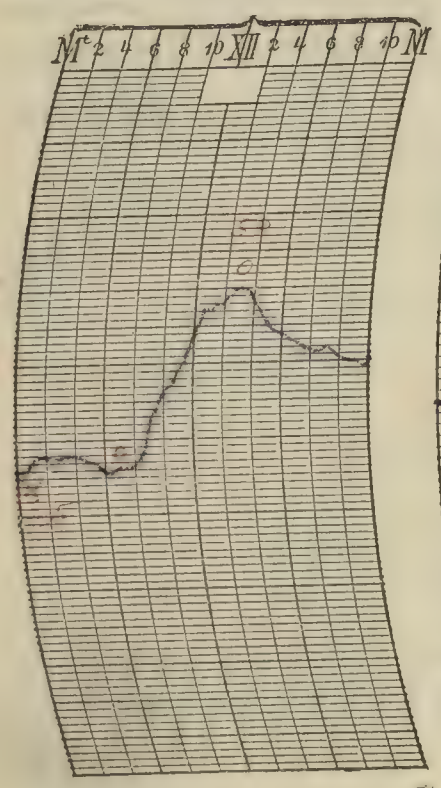
Average hourly velocity, 9.0

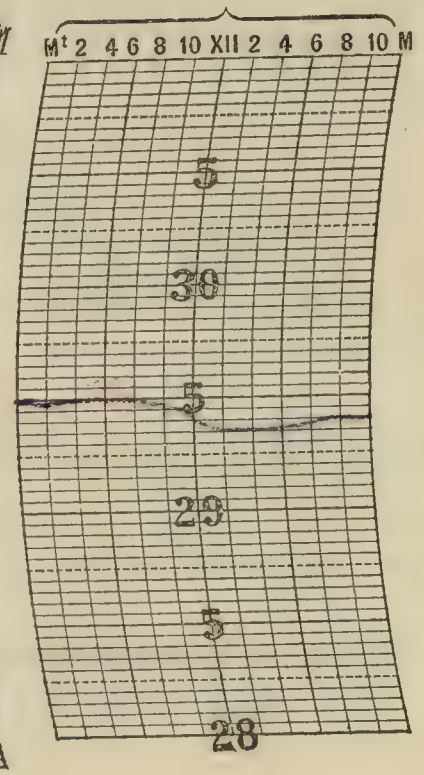
Maximum velocity,	Direction,	Time.
16	SW	1:22 pm
Extreme wind 18	SW	2:39 pm

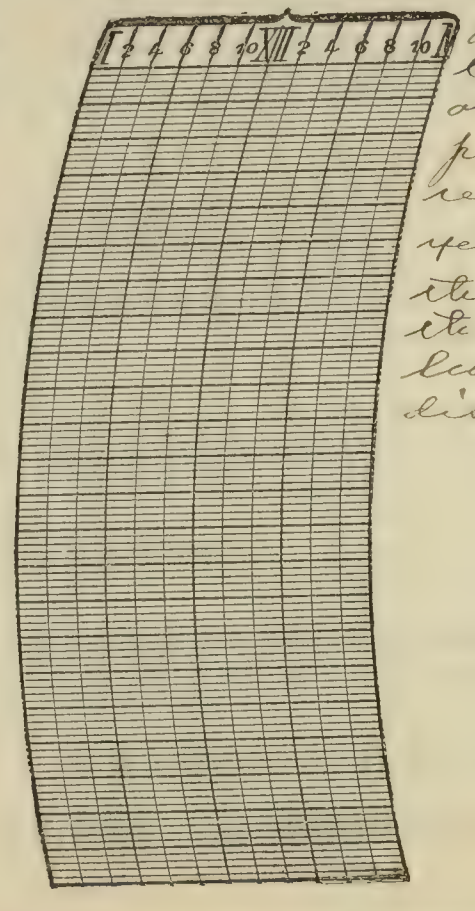
Relative humidity, 72 a. m. p. m.

Reduced barometer, 30.05 a. m. p. m.

River gage, 15.0, rising







NOTES.

about 4:45 pm, a band of bright red extended upward from the western horizon about 5° and north and south from the point of sunset about 60°. above this, the red shaded rapidly into a bright yellow. The yellow extended upward about 30° above the horizon; the azimuths were about the same as for the red band. This illumination gradually diminished, and disappeared entirely about 5:30 pm.

Prepared by S. P. P.
Verified by S. P. E.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) [illegible] 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	36	35	34	33	32	32	32	33	35	37	39	40	41	42	39	38	38	38	38	38	38	38	38
State of weather: Nature of precipitation and time of beginning and ending																						R	B	
																						Drizz		
Amounts of precipitation																							*	
																							.04	
Cloudiness and other conditions	Alow visible at intervals																							
							Cldy		*	Cloudy														
Sunrise: Time, 7:21 Character, Cloudy																					Sunset: Time, 4:36 Character, Cloudy			
Sunshine (in tenths of hours)								0	0	0	0	0.4	0	1.0	0.2	0	0							
Wind direction	SW	SW	SW	SW	SW	S	* S	S	S	SW	SW	S	S	S	* S	* S	* S	* S	* S	* SW	* SW	SW	SW	SW
Wind movement	10	7	5	4	5	2	2	3	5	5	6	11	13	12	11	13	11	10	11	11	9	10	6	6
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
42	31	36	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .04 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 1.6

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 17

Prevailing direction East & Southwest

Total movement, 188

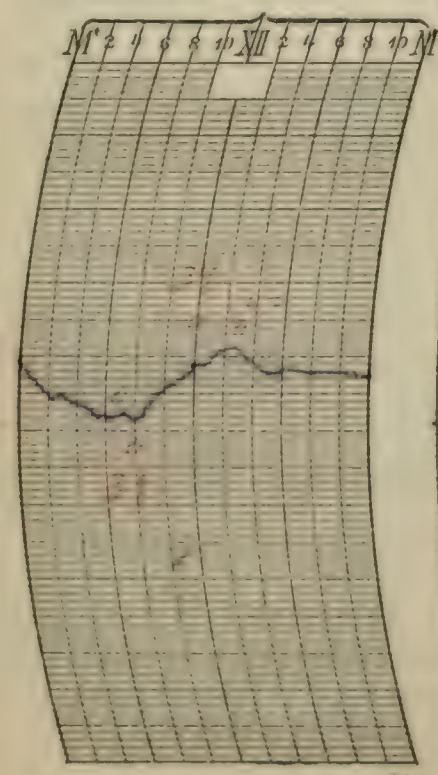
Average hourly velocity, 7.8

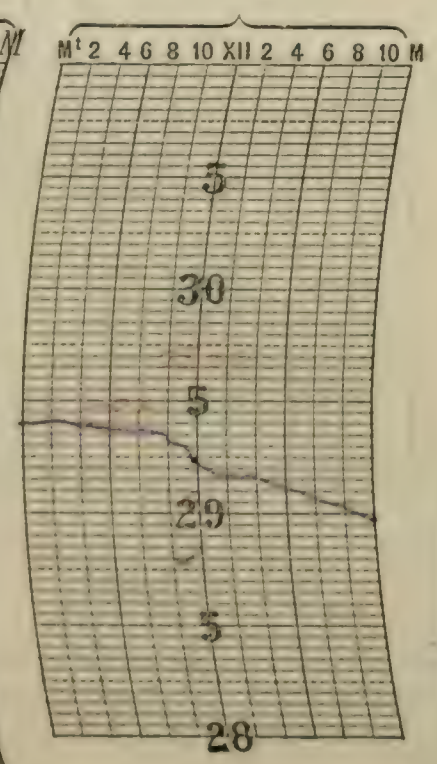
Maximum velocity,	Direction,	Time.
17	S	3:22 pm
[illegible] Vel., 19	SW	3:20 pm

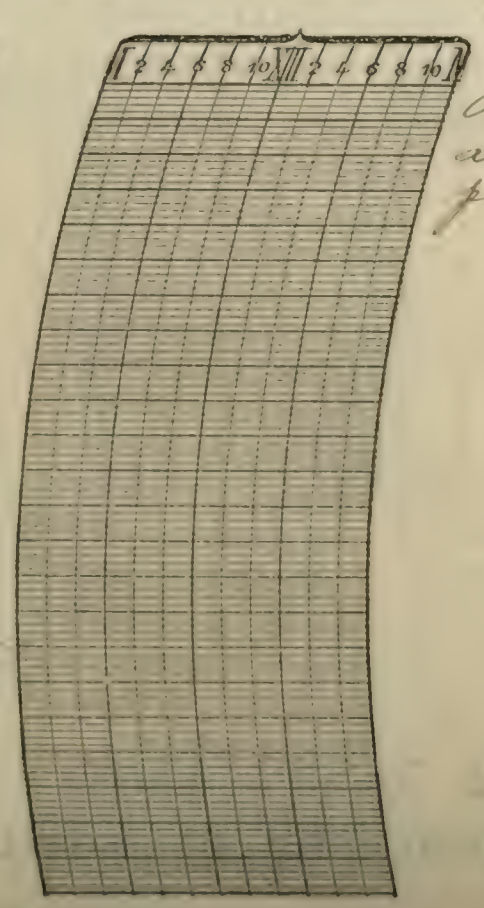
Relative humidity, 74 a. m. p. m.

Reduced barometer, 29.93 a. m. p. m.

River gage, 14.7 falling







NOTES.

A special observation was taken at 11:55 am and telegraphed to Washington. The pressure fell rapidly.

Prepared by S. [illegible]

Verified by S. [illegible]

8—426

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Monday, (Date) [illegible], 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	37	37	38	37	34	31	28	28	30	33	37	38	38	38	39	39	40	39	40	[illegible]	[illegible]	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending		X																						
Amounts of precipitation		.02																						
Cloudiness and other conditions				Cloudy				Clear			Pt Cldy		Cloudy						Clear					
Sunshine (in tenths of hours)								.65 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	0.1	0.3	.32 0							
Wind direction	SW	W	W	W	W	W	W	W	W	W	W	W	SW	SW	S	S	S	SW	SW	SW	SW	SW	SW	SW
Wind movement	2	4	5	8	11	10	16	13	12	10	10	[illegible]	12	14	12	10	10	13	12	13	17	18	16	11

Sunrise: Time, 7:21 Character, Clear

Sunset: Time, 4:37 Character, Clear

Maximum velocities (exceeding 25 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	41	28	34	24

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .06 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .03 inches.

Character of day, Pt Cldy Moon phase, [illegible]

Average daily cloudiness (0-10) 7

Actual sunshine, hours, 7.4

Possible sunshine, hours, 7.3

Percentage of possible sunshine, 80

Prevailing direction West

Total movement, 270

Average hourly velocity, 11.2

	Maximum velocity,	Direction,	Time.
Extreme vel.	22	SW	8:53 pm
	23	SW	8:54 pm

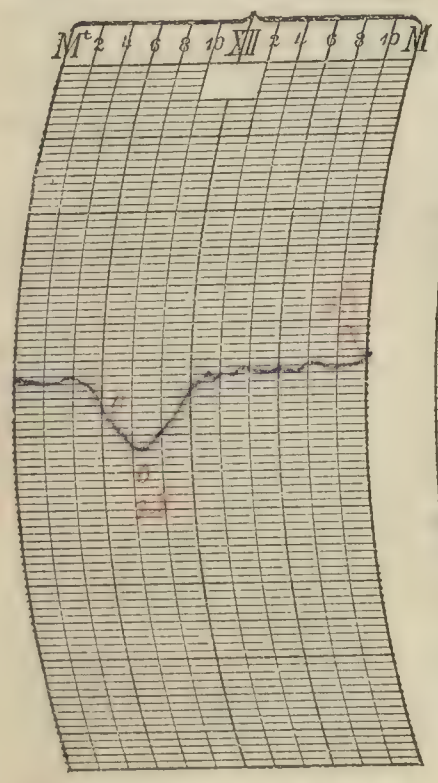
Relative humidity, 89 a. m. ____ p. m.

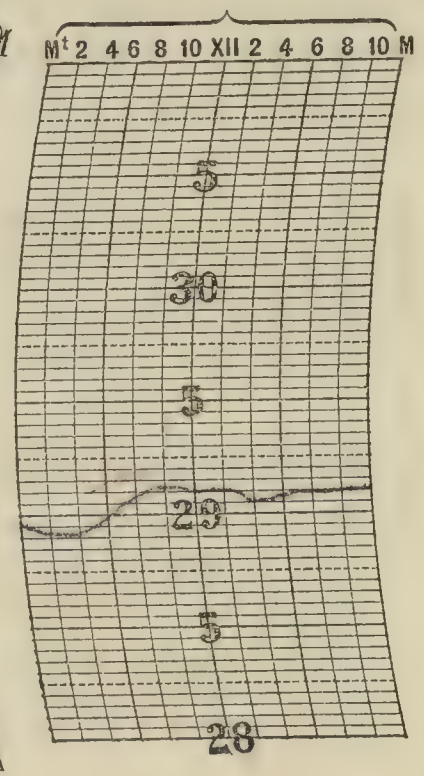
Reduced barometer, 29.58 a. m. ____ p. m.

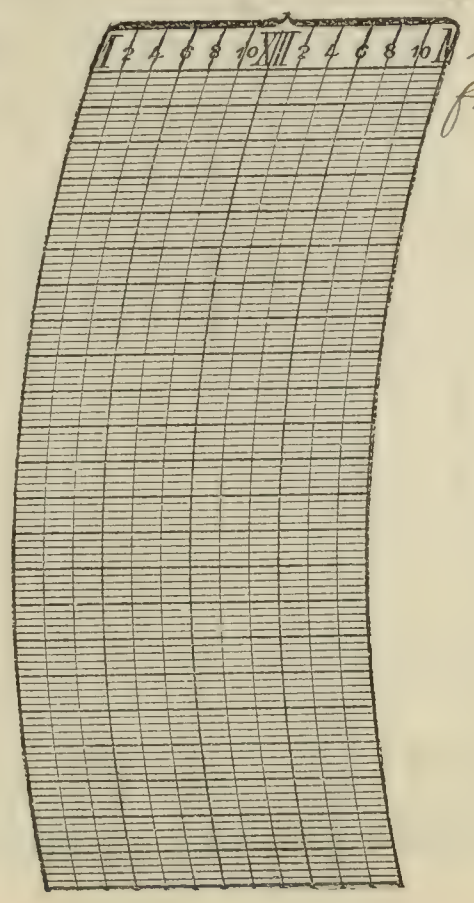
River gage, 14.1, falling.

NOTES.

Skor ice extended about 30 feet from the south bank at Peru.







Prepared by S. [illegible]

Verified by

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) DEC 31 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	42	42	46	38	37	36	35	34	34	35	36	39	41	42	41	39	36	34	32	32	33		
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				Moon visible. Clear			Rain	Cloudy									Partly Cloudy	Clear						
Sunshine (in tenths of hours)								0.25	0.4	0.8	1.0	1.0	1.0	1.0	1.0	1.0	.5 1.0							
Wind direction	W	W	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	12	12	13	12	10	8	7	5	5	12	10	11	9	9	8	7	4	3	3	2	3	4	3	2
Maximum velocities (exceeding 25 miles) direction and time																								

Sunrise: Time, 7:21 Character, Cloudy

Sunset: Time, 4:37 Character, Clear

	Maximum.	Minimum.	Mean.	Normal.
	42	30	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Partly Cloudy. Moon phase,

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 8.1

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 87

Prevailing direction West

Total movement, 180

Average hourly velocity, 7.5

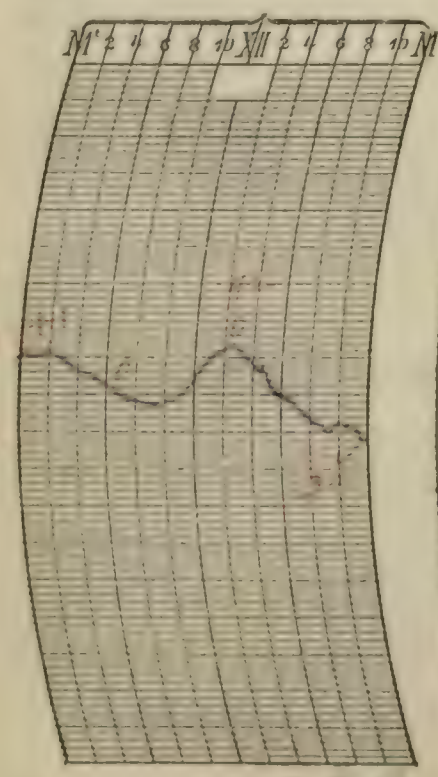
Maximum velocity,	Direction,	Time
16	SW	2:40 a. m.

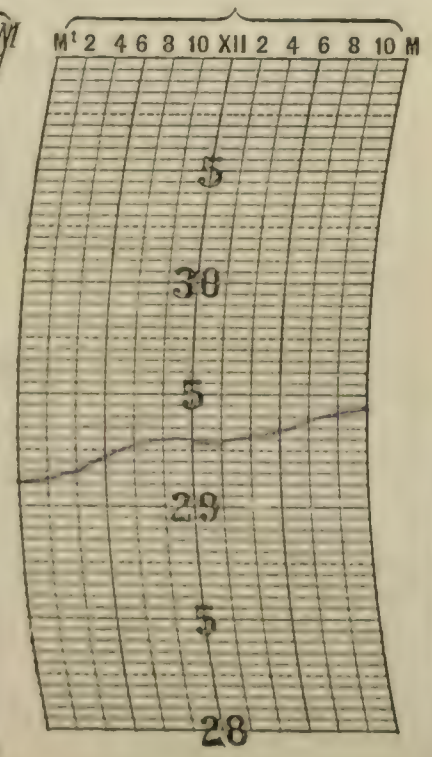
Relative humidity, 69 a. m. p. m.

Reduced barometer, 29.81 a. m. p. m.

River gage, 12.8 falling

Excessive precipitation, accumulated amounts.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.





NOTES.

Prepared by

Verified by

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
State of weather. Amounts of precipitation																								
State of weather. Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10) ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

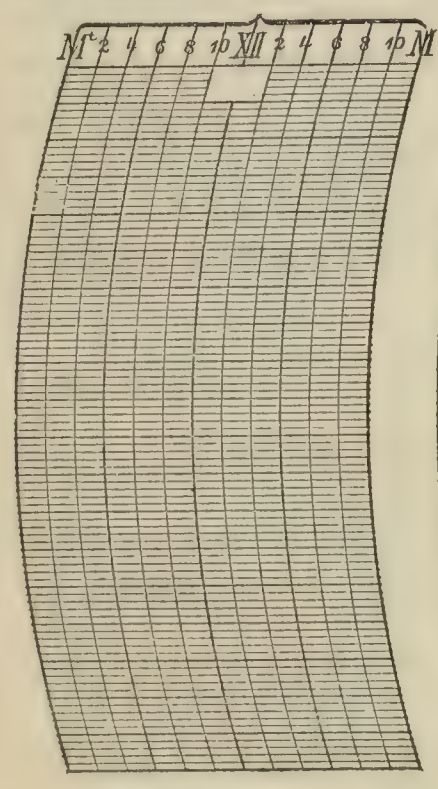
Maximum velocity,	Direction,	Time.
____	____	____

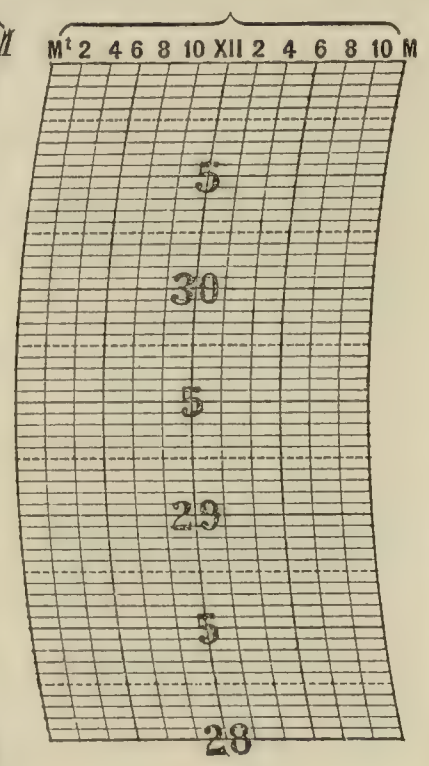
Relative humidity, ____ a. m. ____ p. m.

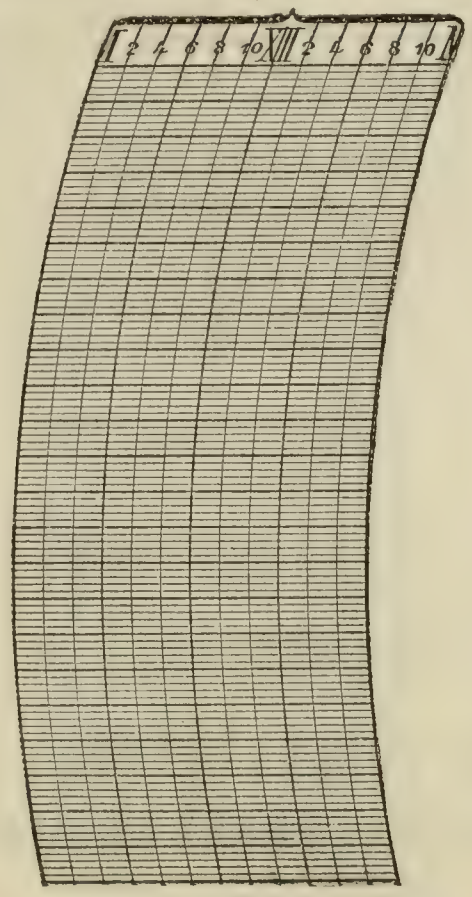
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amount _____

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, _____ Moon phase, _____

Average daily cloudiness (0–10) _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

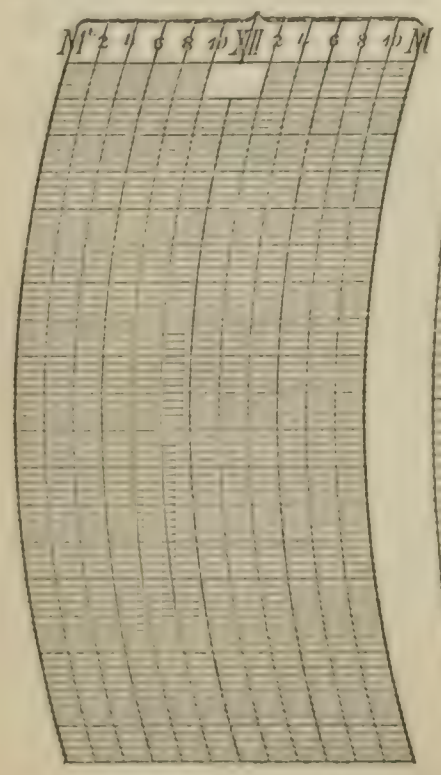
Maximum velocity,	Direction,	Time.
____	____	____

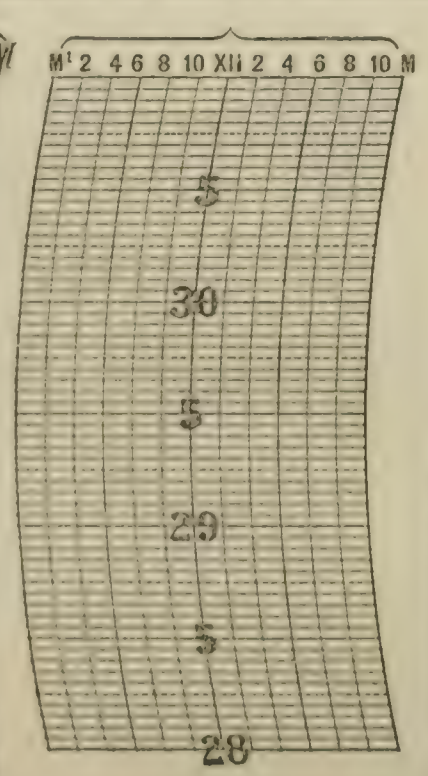
Relative humidity, _____ a. m. _____ p. m.

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.





Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10) ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

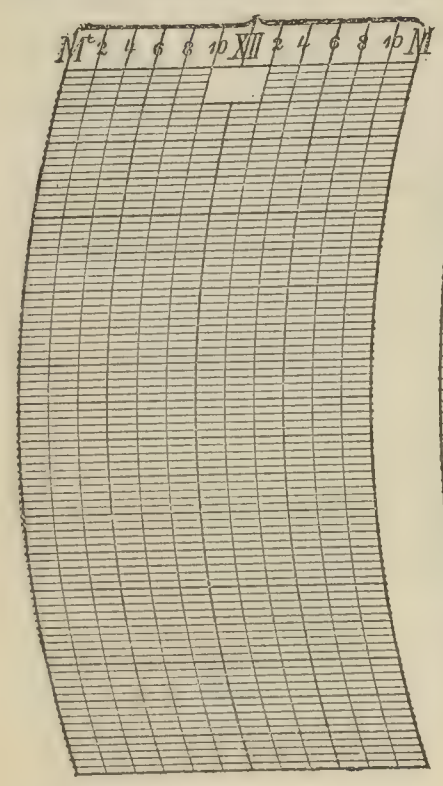
Maximum velocity, ____ Direction, ____ Time. ____

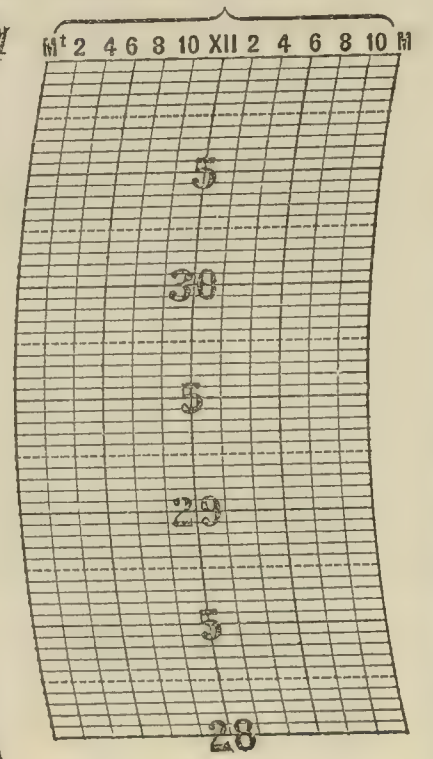
Relative humidity, ____ a. m. ____ p. m.

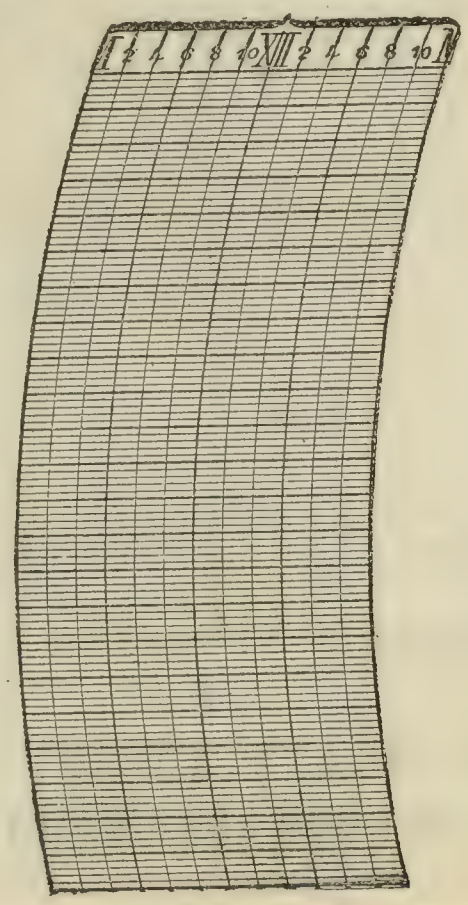
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







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Verified by

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0-10) ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

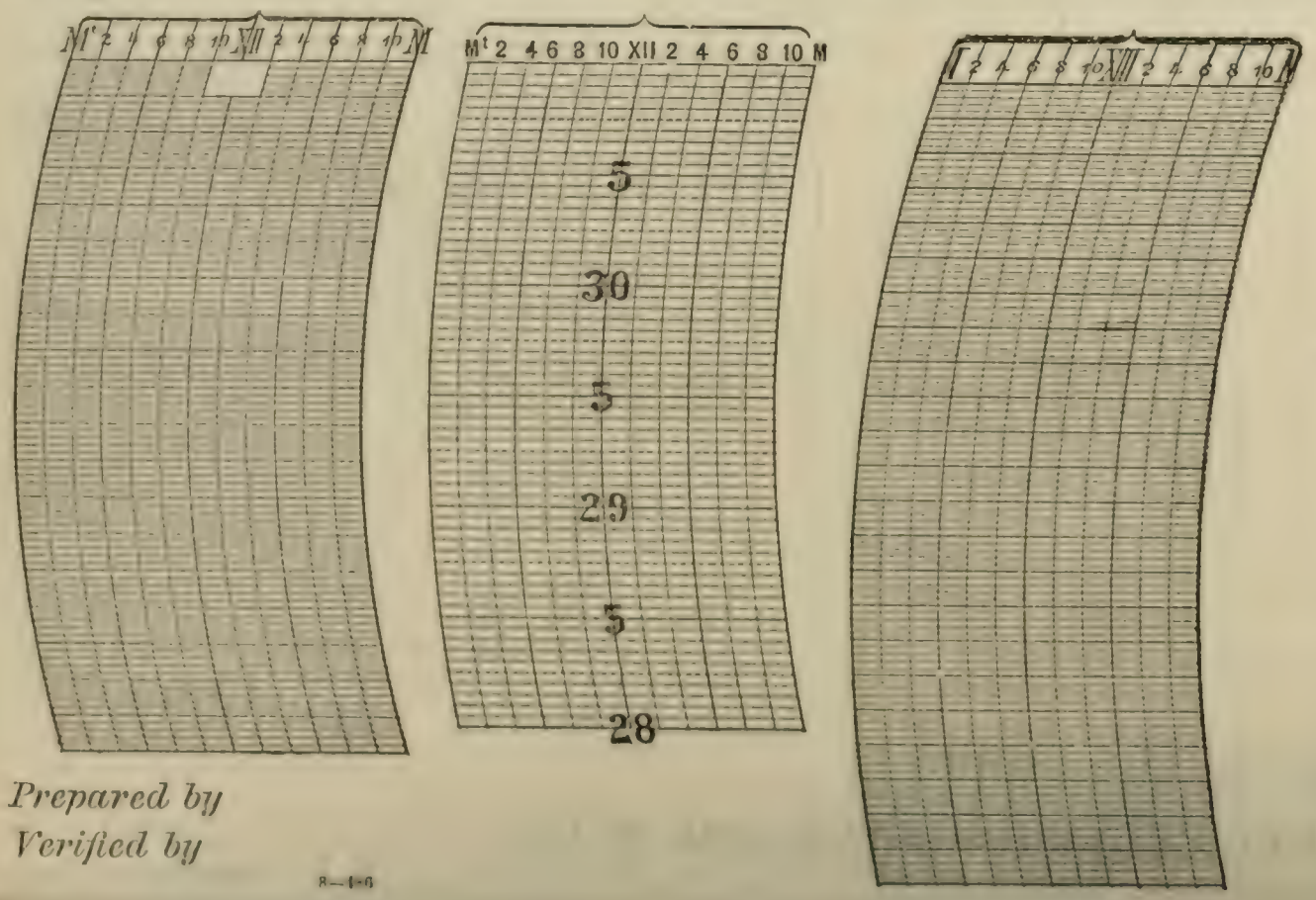
Maximum velocity,	Direction,	Time,

Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.



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8—4-6

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0-10) ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

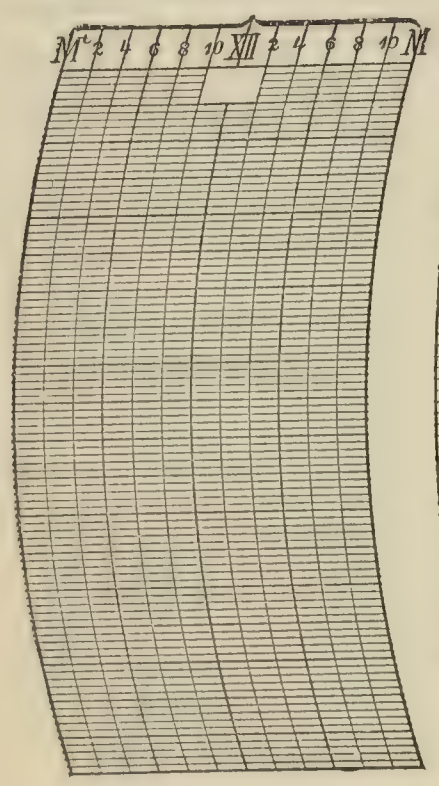
Maximum velocity, ____ Direction, ____ Time. ____

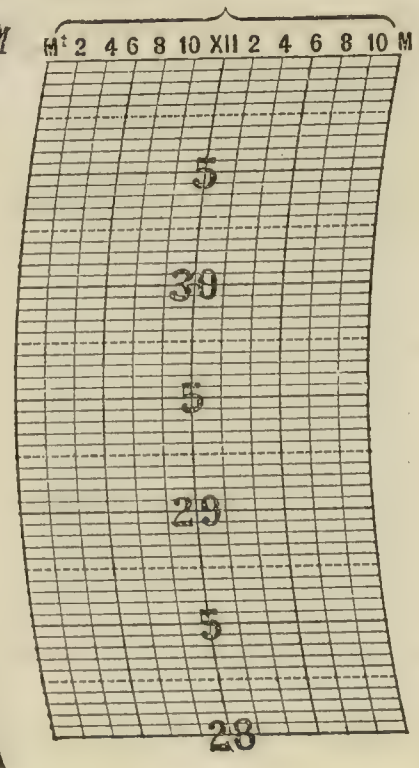
Relative humidity, ____ a. m. ____ p. m.

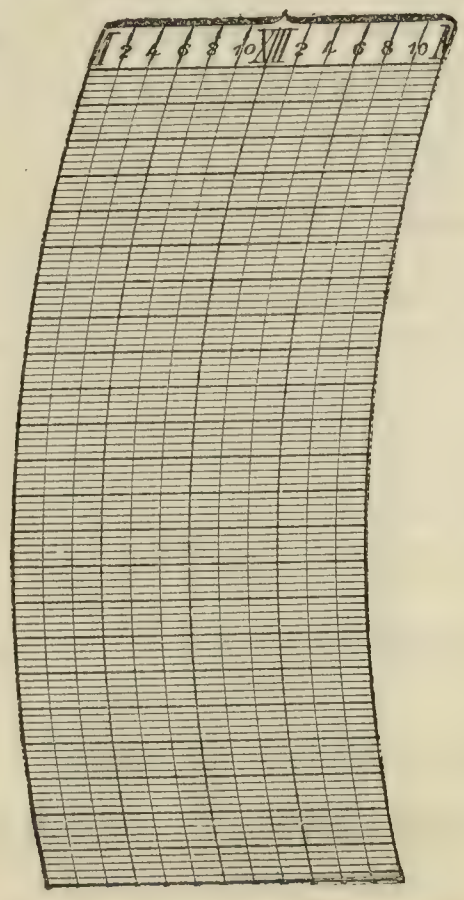
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions																								
Sunshine (in tenths of hours)	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles) direction and time																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Average daily cloudiness (0-10) _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

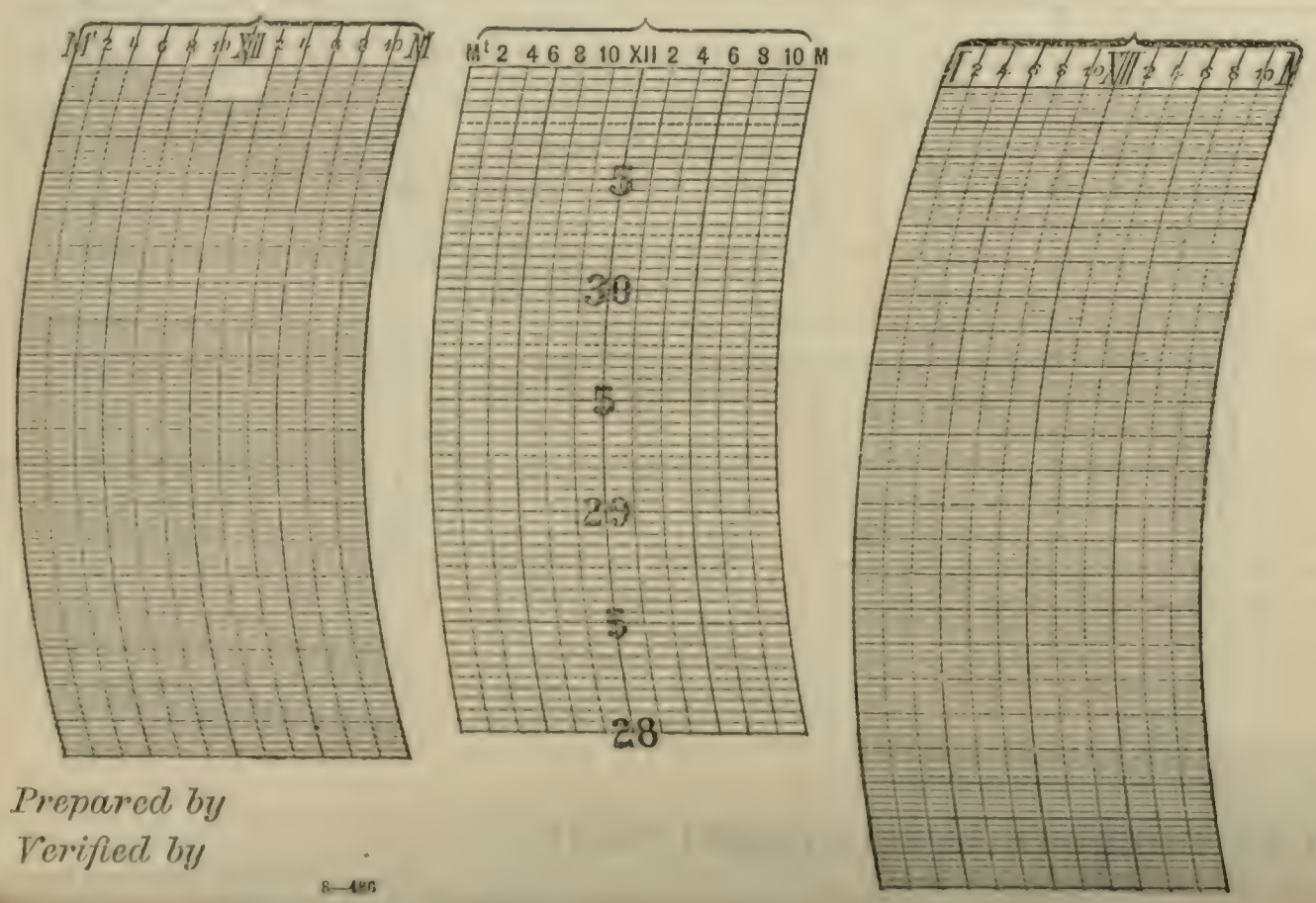
Maximum velocity,	Direction,	Time.
_____	_____	_____

Relative humidity, _____ a. m. _____ p. m.

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.



Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Average daily cloudiness (0–10) _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

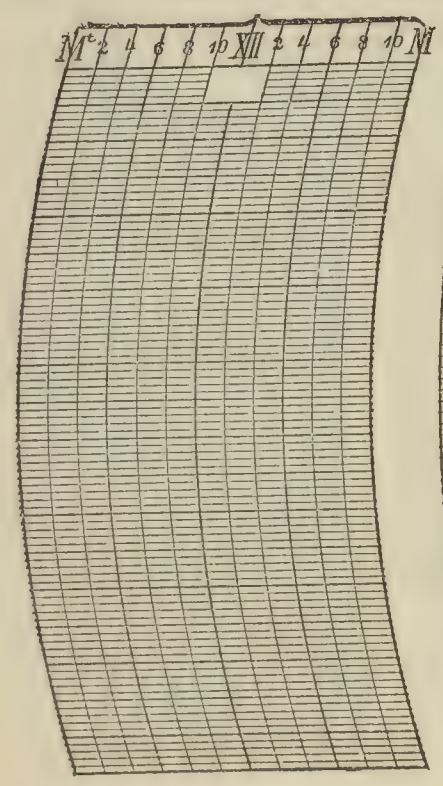
Maximum velocity, _____ Direction, _____ Time. _____

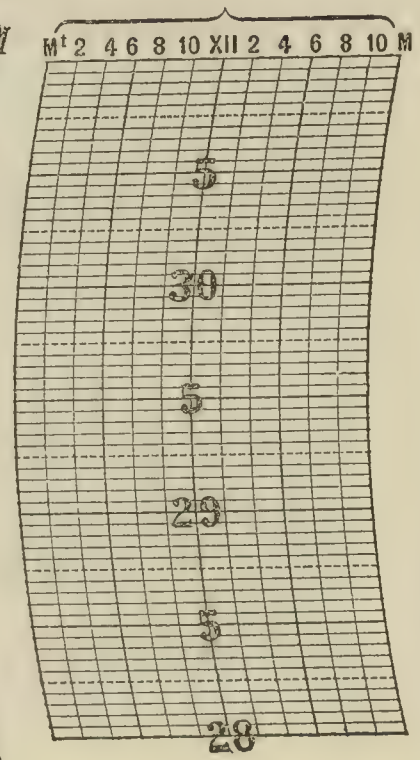
Relative humidity, _____ a. m. _____ p. m.

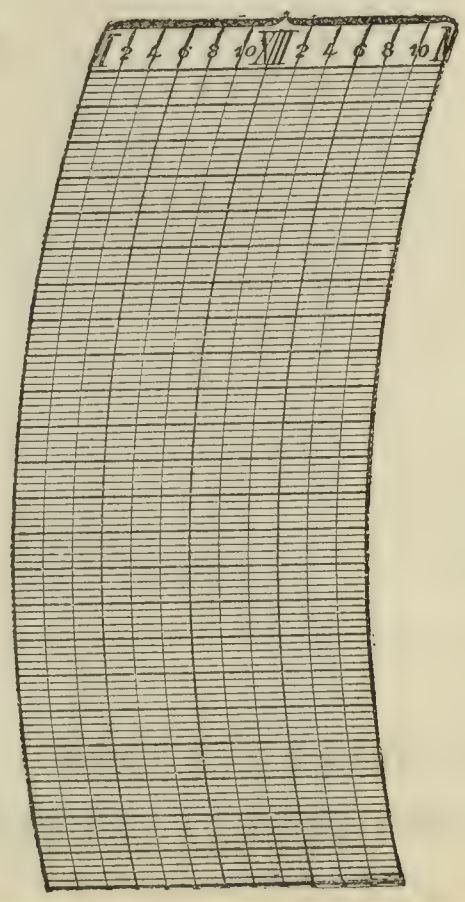
Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0-10) ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

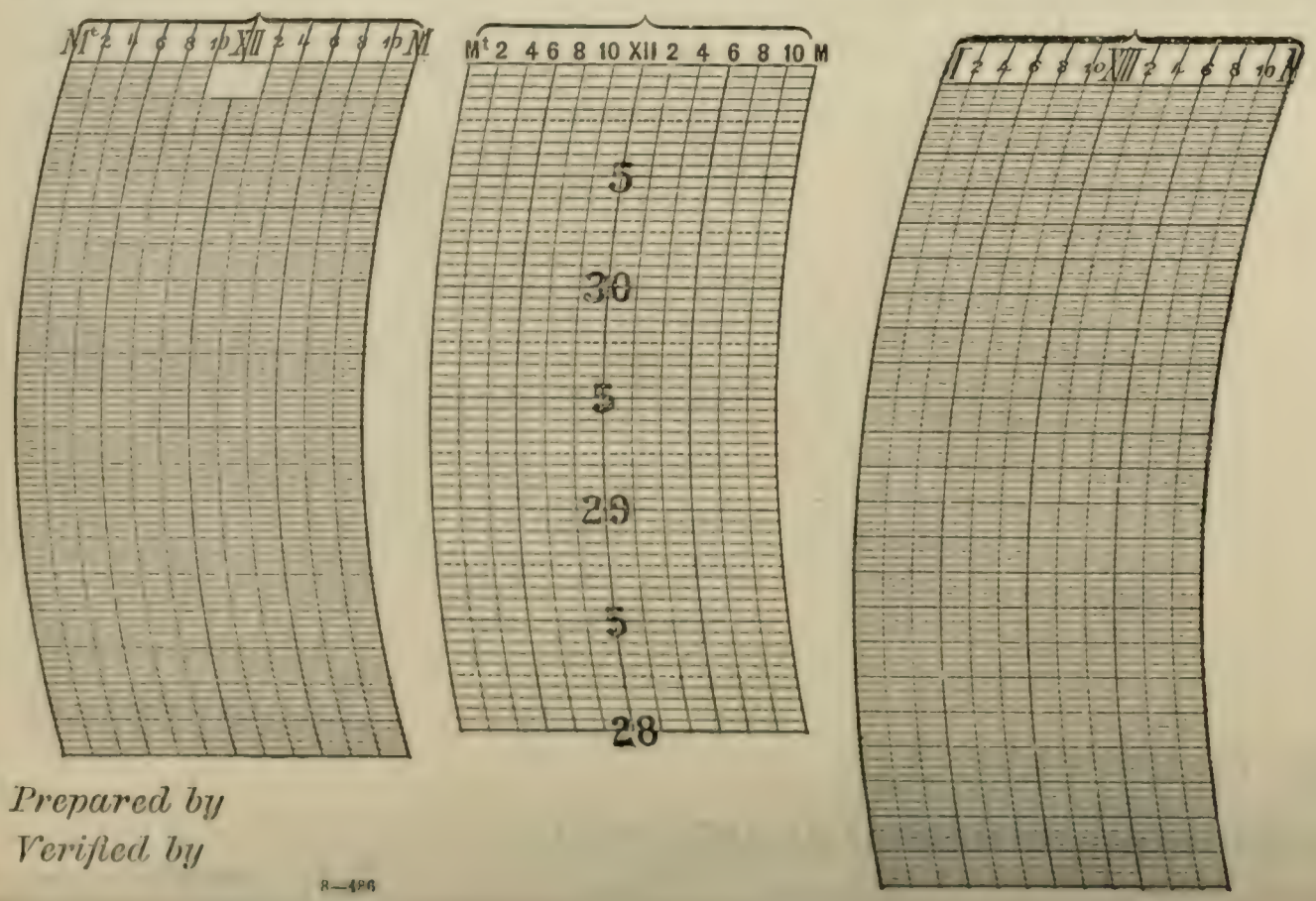
Average hourly velocity, ____

Maximum velocity,	Direction,	Time,

Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____



NOTES.

Prepared by

Verified by

8—496

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions																								
Sunrise: Time, ____ Character, ____ / Sunset: Time, ____ Character, ____																								
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10) ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

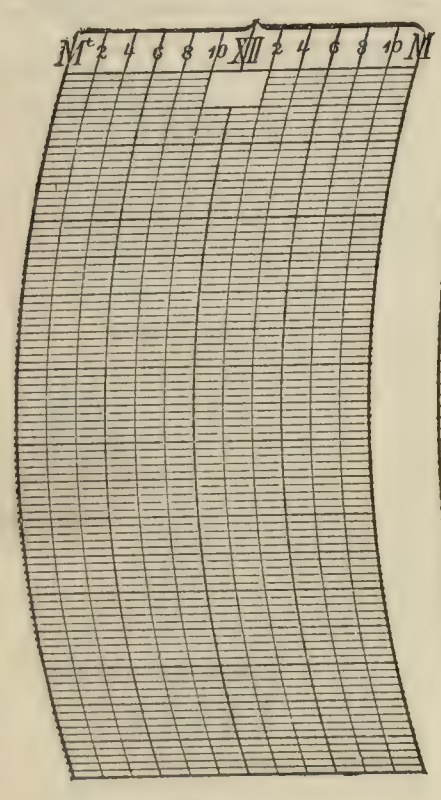
Maximum velocity,	Direction,	Time.
____	____	____

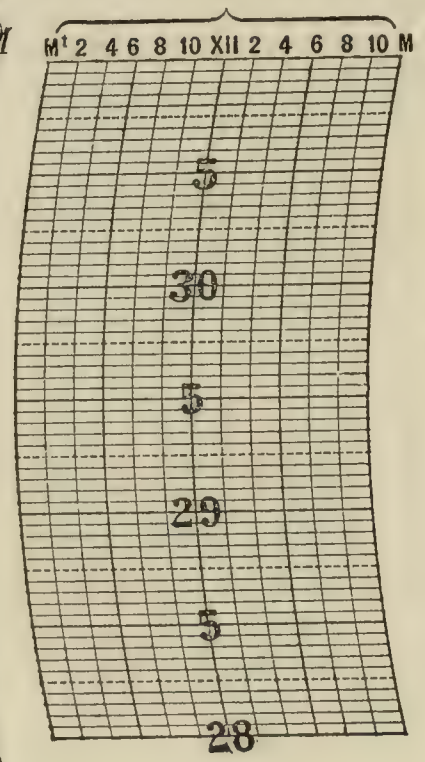
Relative humidity, ____ a. m. ____ p. m.

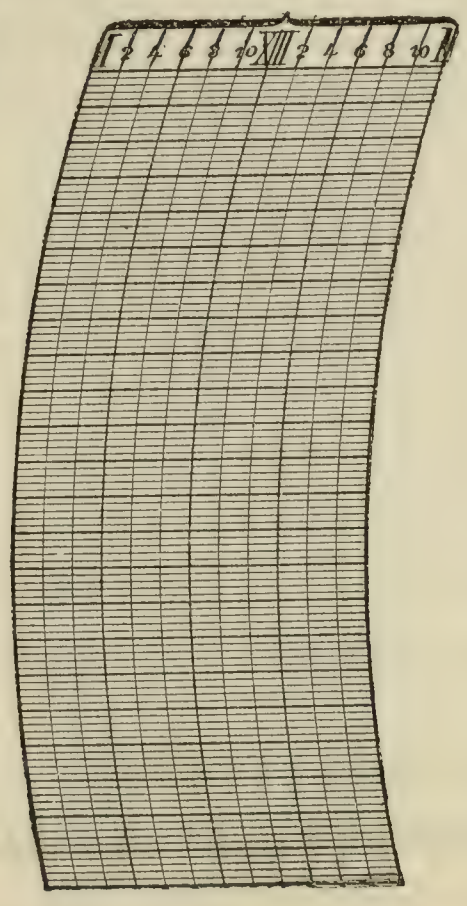
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) ....., *(Day of week)* ....., *(Date)* ....., *191*

Time (local standard), ... mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions																								
Sunshine (in tenths of hours)	Sunrise: Time, ... Character, ...																				Sunset: Time, ... Character, ...			
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ..... miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

..... hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ..... p. m., ... inches

Snow on ground ..... p. m., ... inches.

Total snowfall, midnight to midnight, ... inches.

Precipitation to ..... a. m., ... ins.; to ..... p. m., ... ins.

Total precipitation, midnight to midnight, ... inches.

Character of day, ... Moon phase, ...

Average daily cloudiness (0-10) .....

Actual sunshine, hours, ...

Possible sunshine, hours, ...

Percentage of possible sunshine, ...

Prevailing direction .....

Total movement, ...

Average hourly velocity, ...

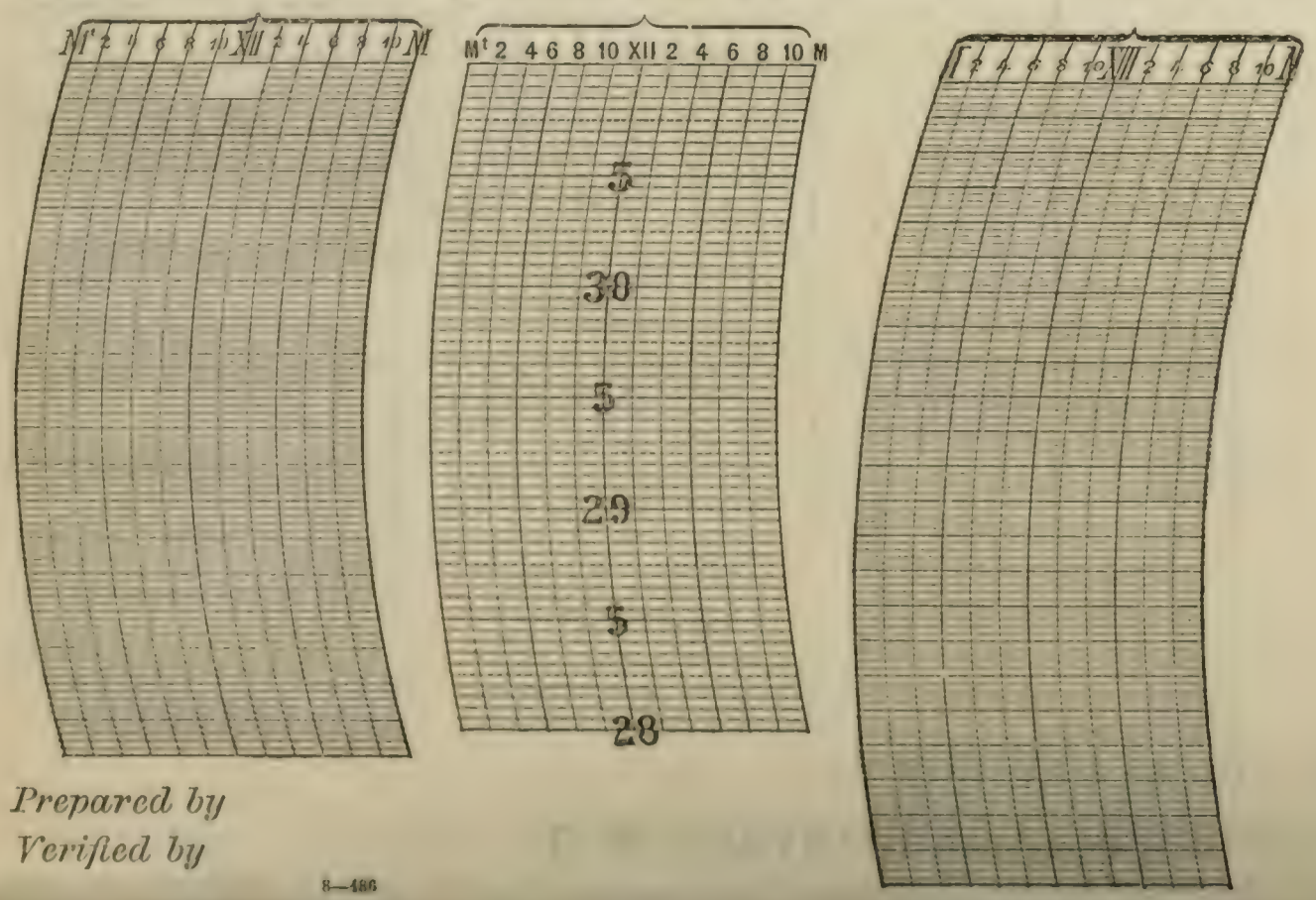
Maximum velocity, ... Direction, ... Time, ...

Relative humidity, ... a. m. ..... p. m.

Reduced barometer, ... a. m. ..... p. m.

River gage, ...

NOTES.



Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10) ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

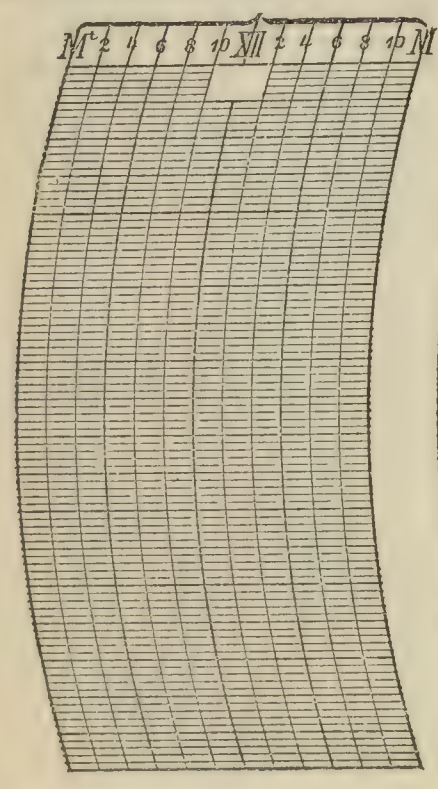
Maximum velocity, ____ Direction, ____ Time. ____

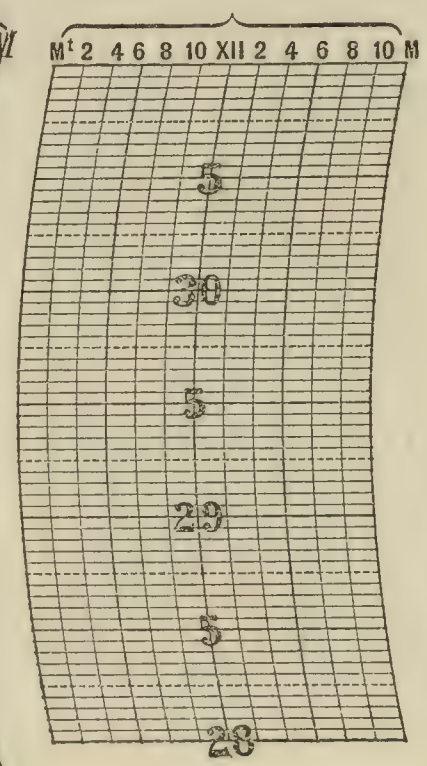
Relative humidity, ____ a. m. ____ p. m.

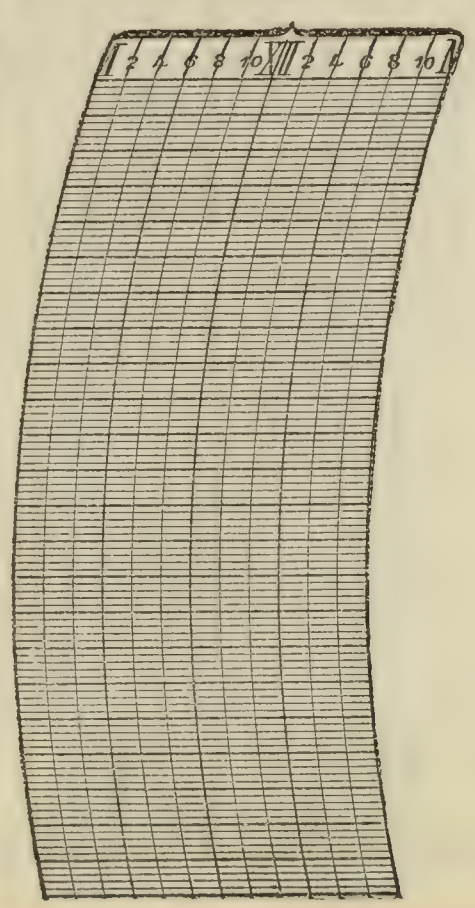
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







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8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles) direction and time																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Average daily cloudiness (0–10) _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

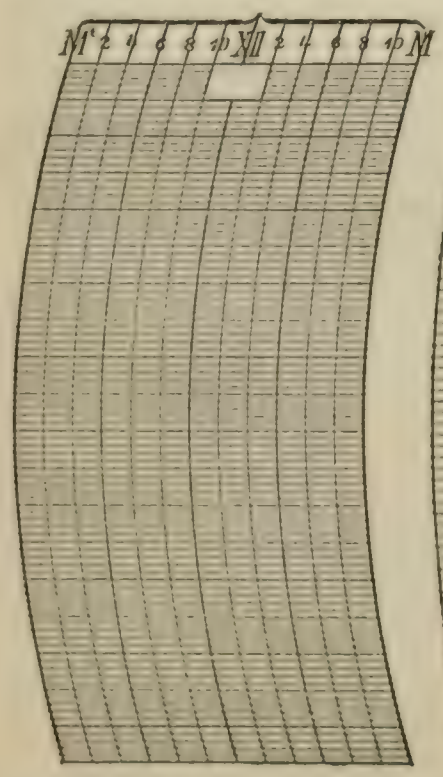
Average hourly velocity, _____

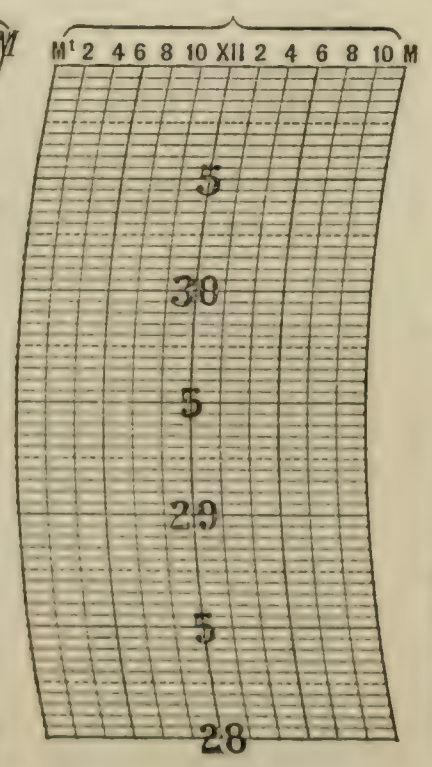
Maximum velocity,	Direction,	Time.

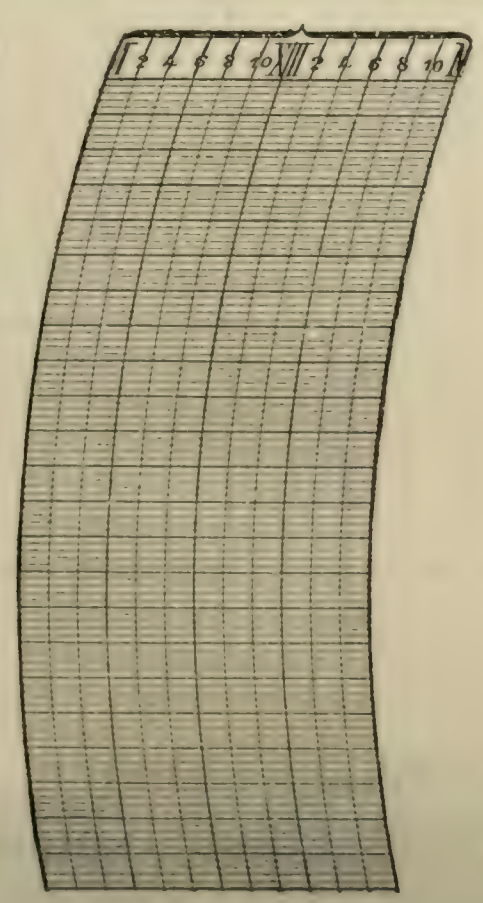
Relative humidity, _____ a. m. _____ p. m.

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____ _____







NOTES.

Prepared by

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8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____ mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Average daily cloudiness (0–10) _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

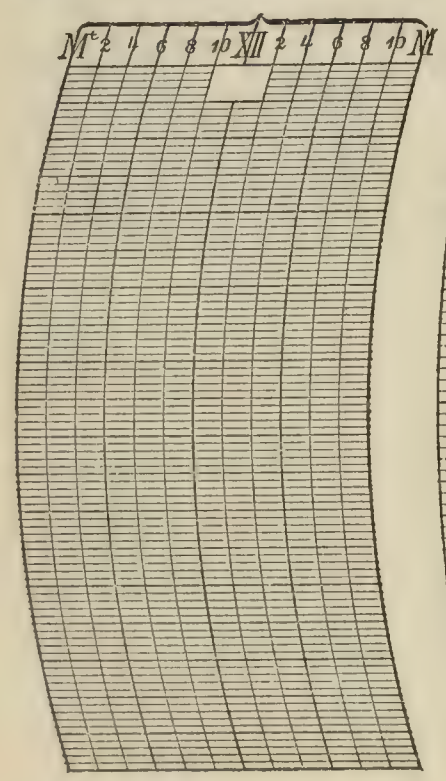
Maximum velocity, _____ Direction, _____ Time. _____

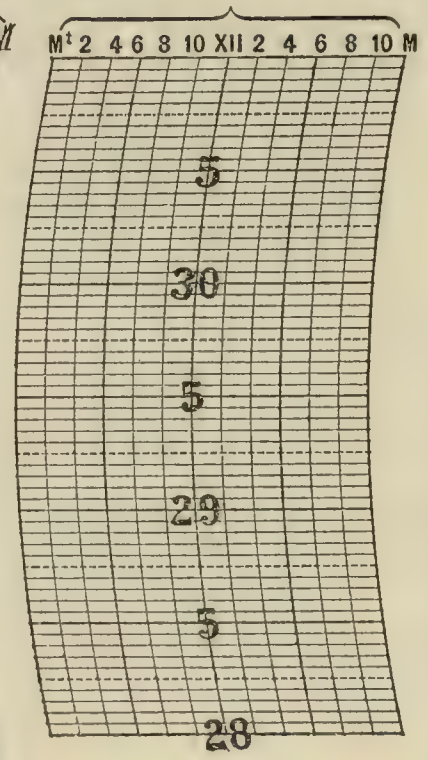
Relative humidity, _____ a. m. _____ p. m.

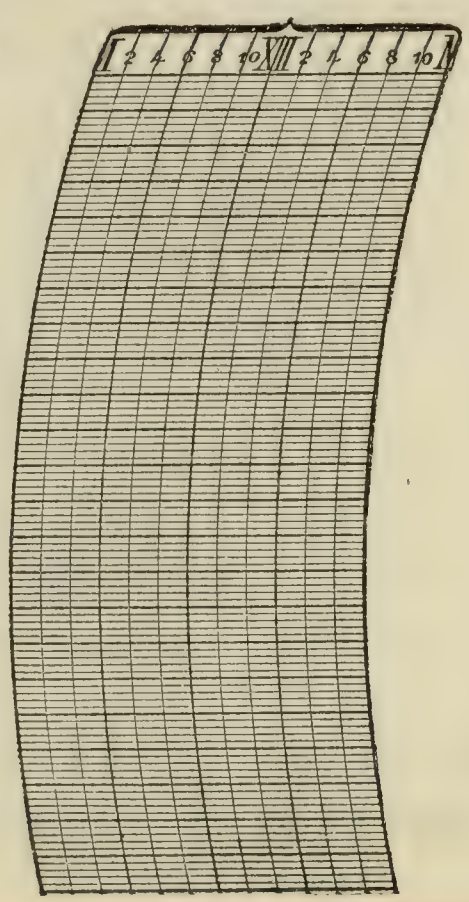
Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.







Prepared by

Verified by

8—486

Form No. 1011—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) ....., *(Day of week)* ....., *(Date)* ....., *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocity (exceeding ____ miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amount ....

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10) ....

Actual sunshine, hours, ...

Possible sunshine, hours, ...

Percentage of possible sunshine, ...

Prevailing direction ....

Total movement, ...

Average hourly velocity, ...

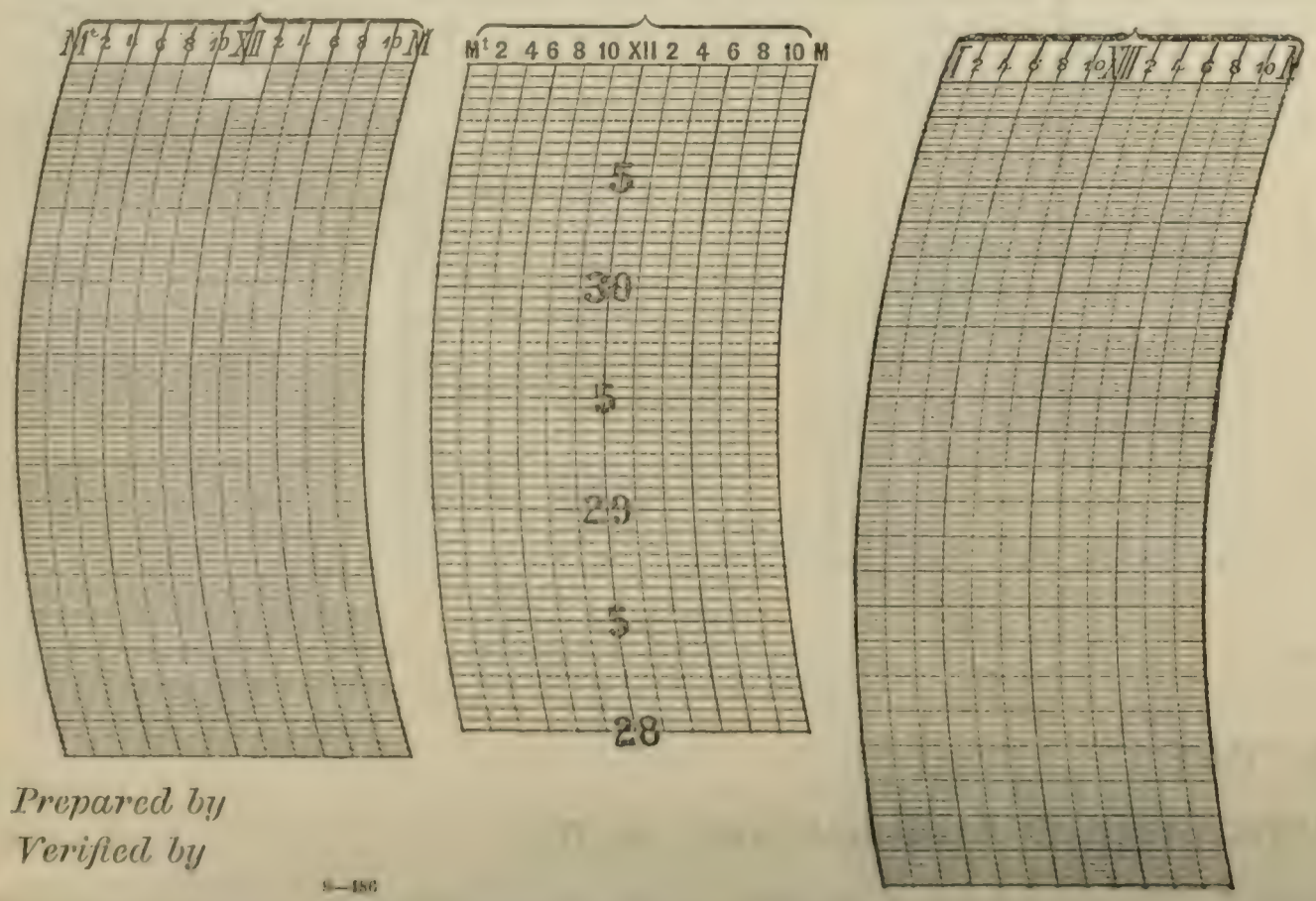
Maximum velocity, ____ Direction, ____ Time. ____

Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ...

NOTES.



Prepared by

Verified by

9—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0-10) ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

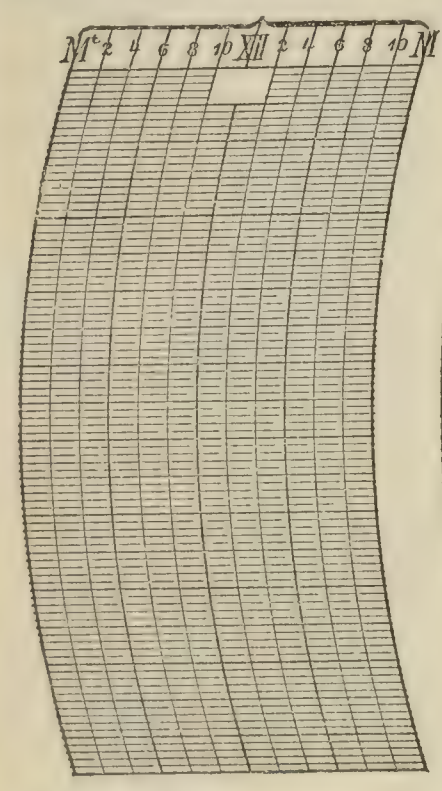
Maximum velocity, ____ Direction, ____ Time. ____

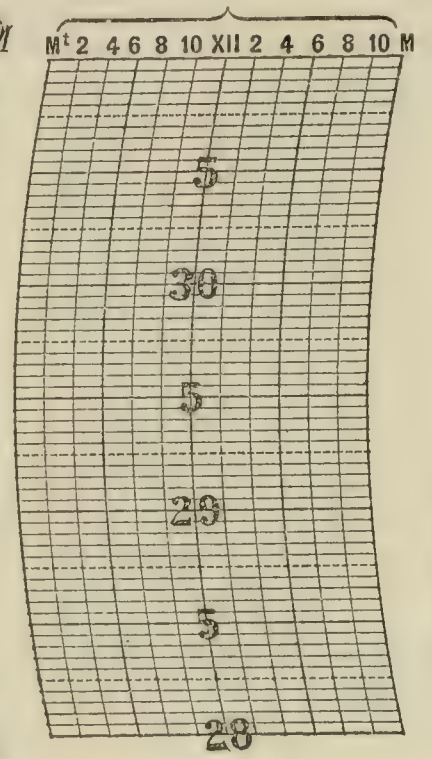
Relative humidity, ____ a. m. ____ p. m.

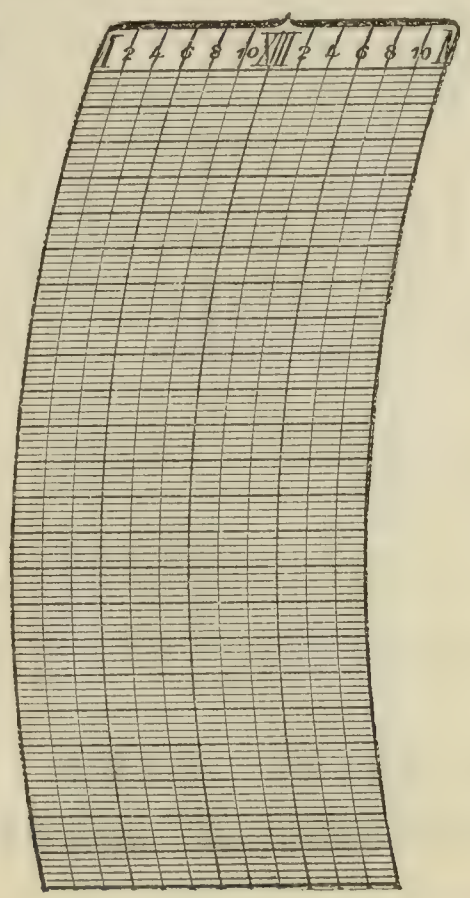
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10) ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

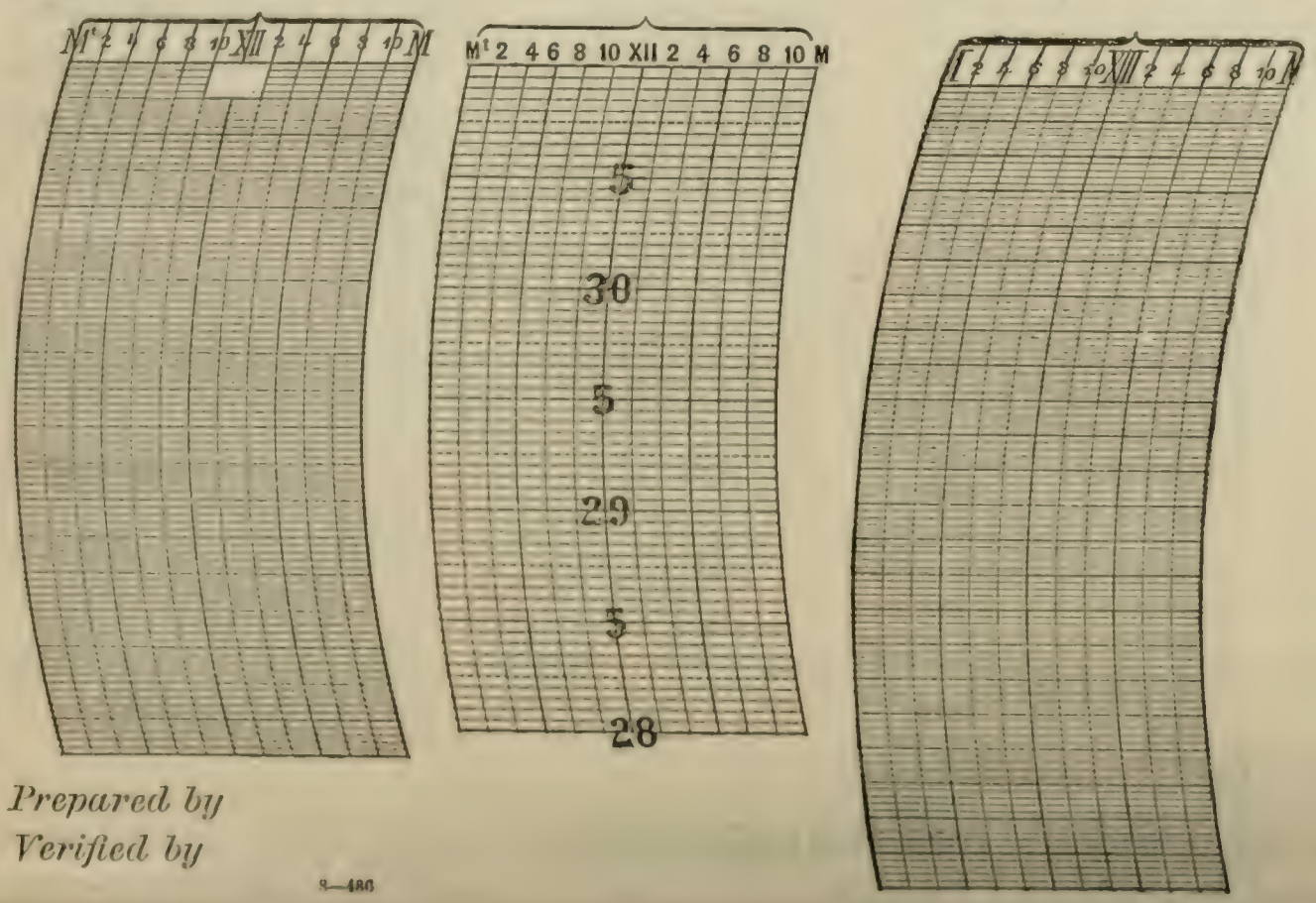
Maximum velocity,	Direction,	Time.

Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.



Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10) ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

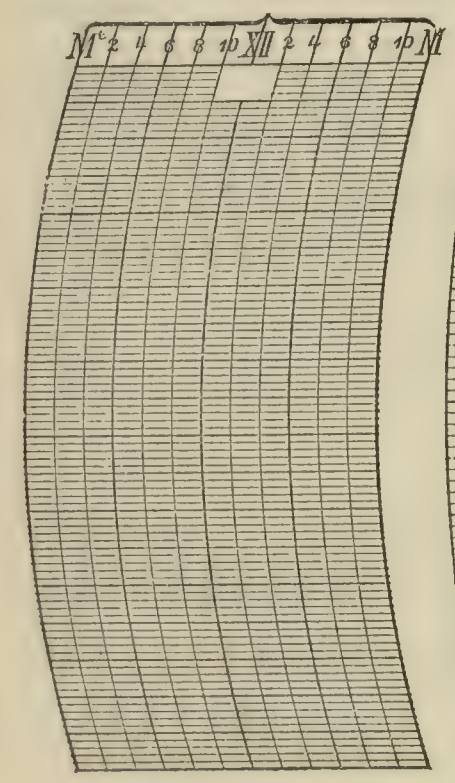
Maximum velocity,	Direction,	Time.
____	____	____

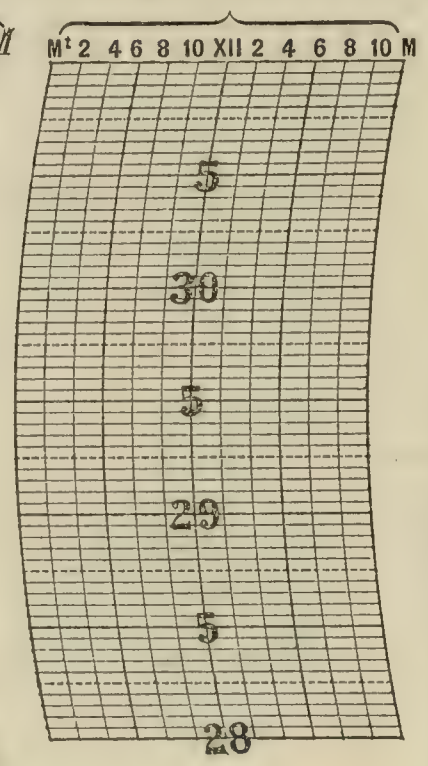
Relative humidity, ____ a. m. ____ p. m.

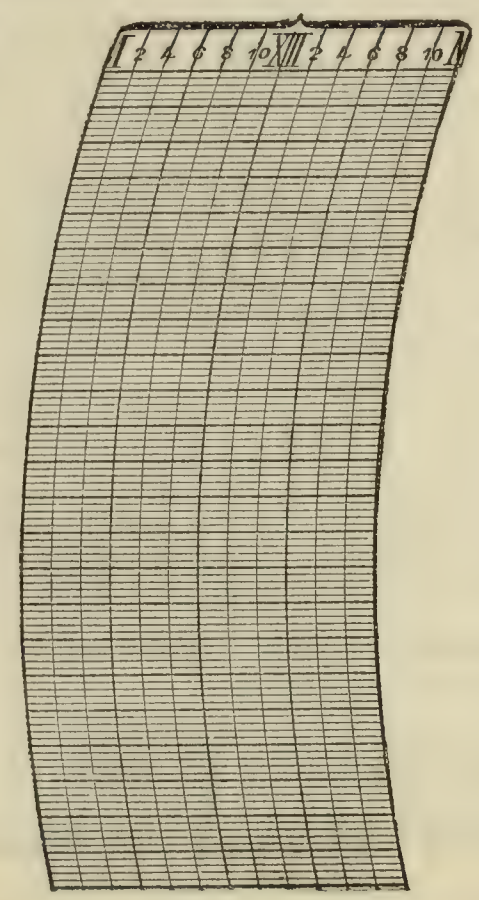
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

Excessive precipitation, accumulated amounts.	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10) ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

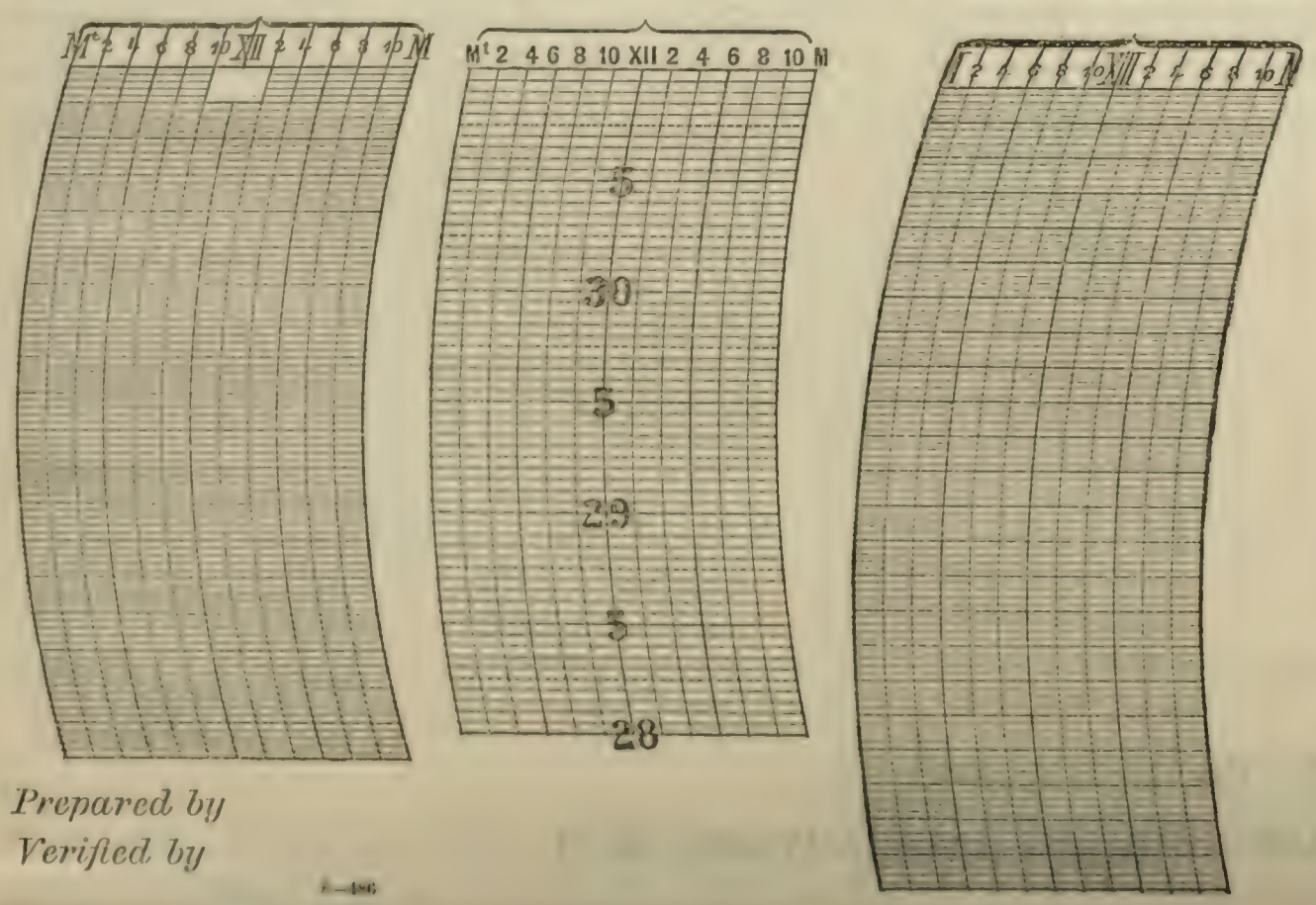
Maximum velocity,	Direction,	Time.

Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage. ____

NOTES.



Prepared by

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5—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
State of weather. Amounts of precipitation																								
State of weather. Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10) ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

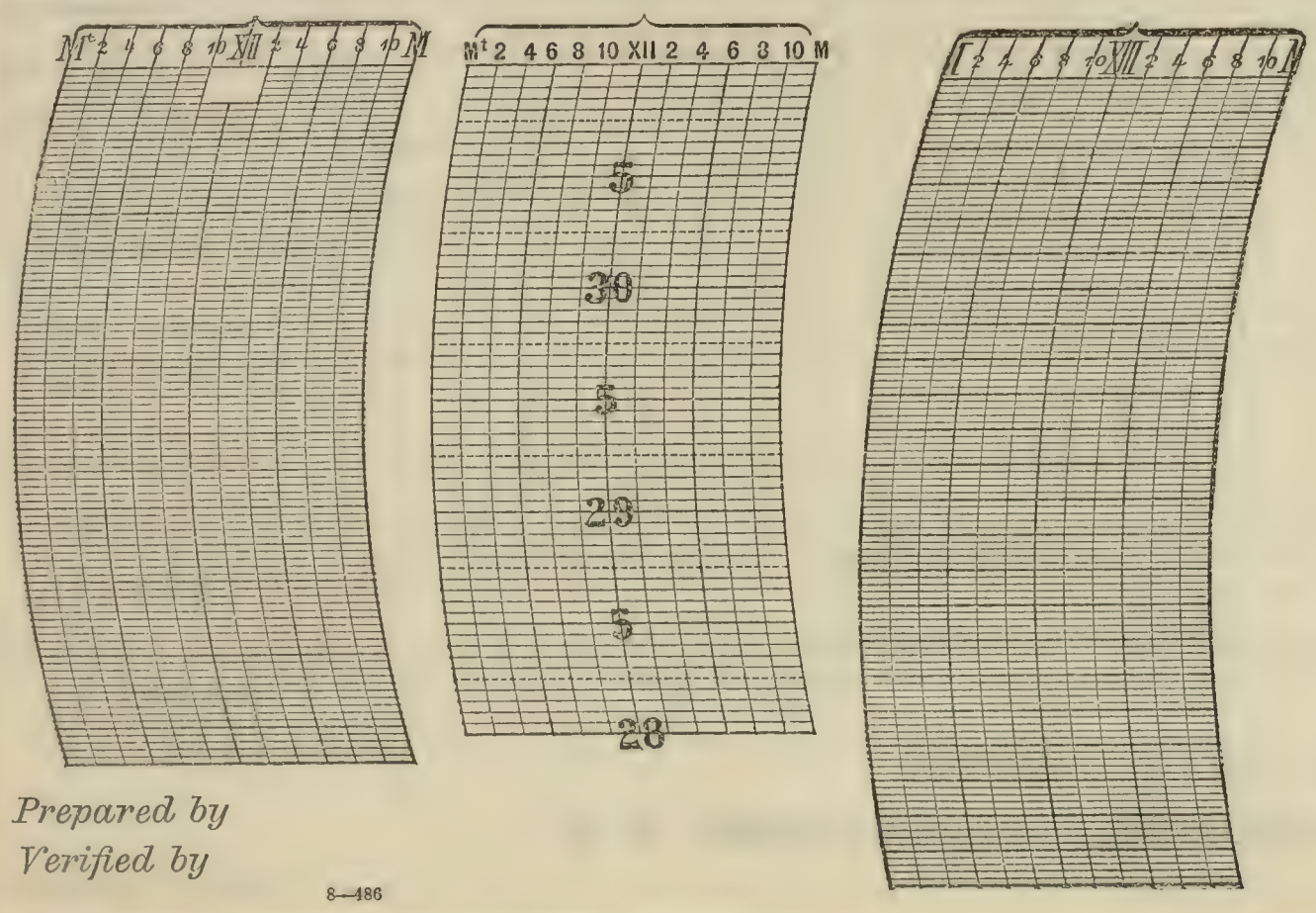
Maximum velocity,	Direction,	Time.
____	____	____

Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.



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Verified by

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Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____ mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions																								
Sunshine (in tenths of hours)	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles) direction and time																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Average daily cloudiness (0–10) _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

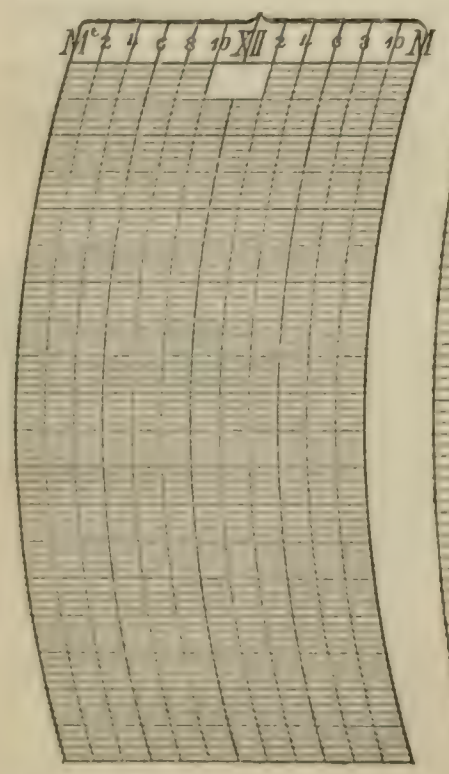
Average hourly velocity, _____

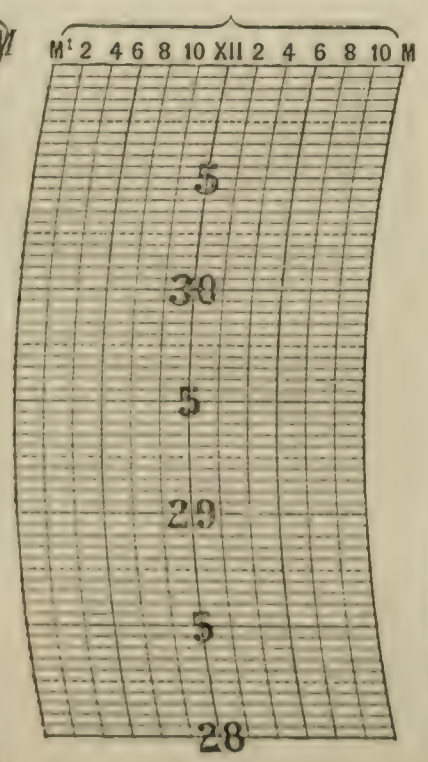
Maximum velocity.	Direction.	Time.

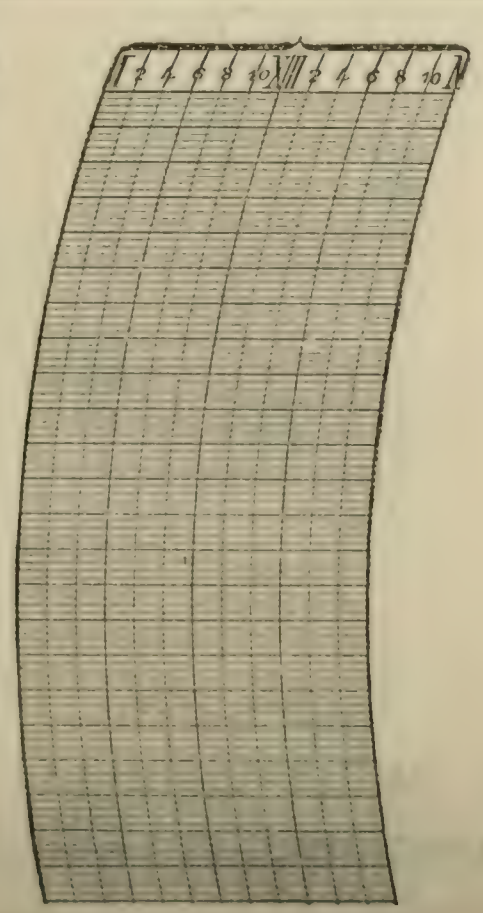
Relative humidity, _____ a. m. _____ p. m.

Reduced barometer, _____ a. m. _____ p. m.

River stage, _____







NOTES.

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Form No. 1014—Mot'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0-10) ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

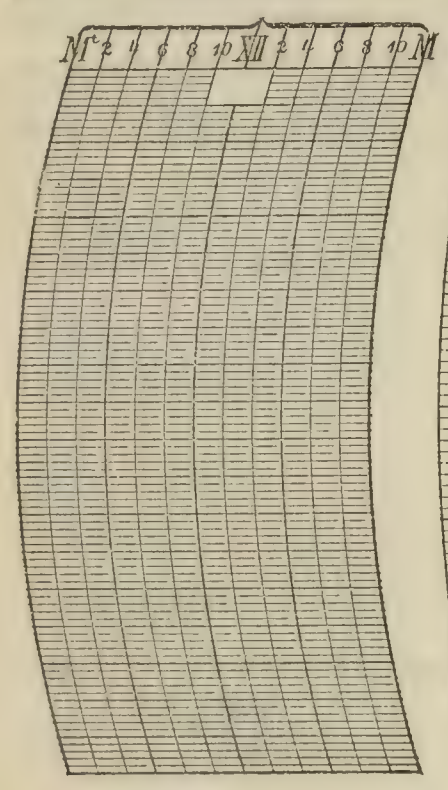
Average hourly velocity, ____

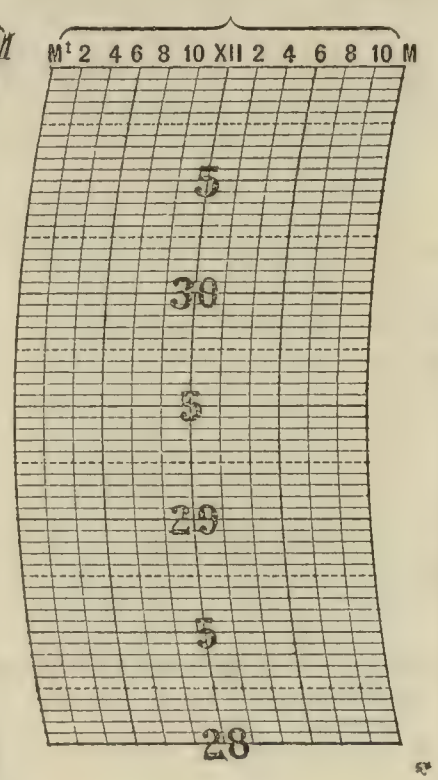
Maximum velocity,	Direction,	Time.
____	____	____

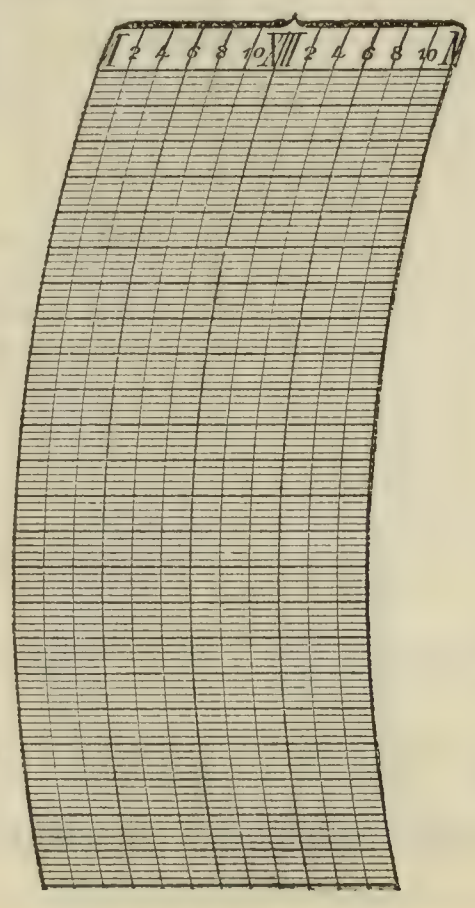
Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____







NOTES.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) ....., *(Day of week)* ....., *(Date)* ....., *191*

Time (local standard), ...mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ... Character, ...																				Sunset: Time, ... Character, ...			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocity (exceeding ..... miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

..... hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ..... p. m., ... inches.

Snow on ground ..... p. m., ... inches.

Total snowfall, midnight to midnight, ... inches.

Precipitation to ..... a. m., ... ins.; to ..... p. m., ... ins.

Total precipitation, midnight to midnight, ... inches.

Character of day, ... Moon phase, ...

Average daily cloudiness (0–10) .....

Actual sunshine, hours, ...

Possible sunshine, hours, ...

Percentage of possible sunshine, ...

Prevailing direction .....

Total movement, ...

Average hourly velocity, ...

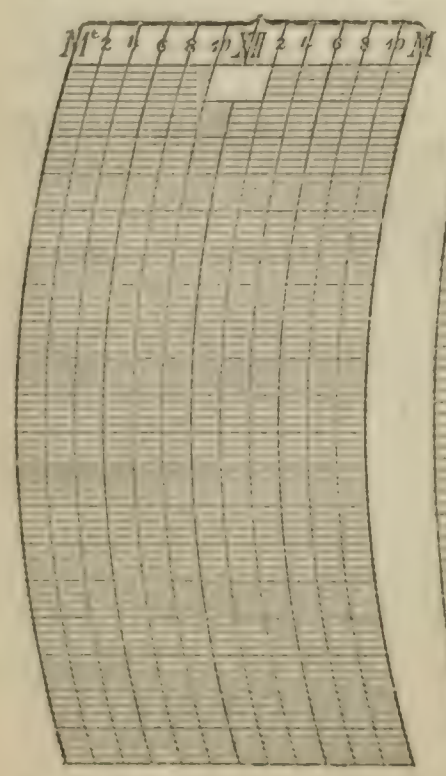
Maximum velocity.	Direction.	Time.

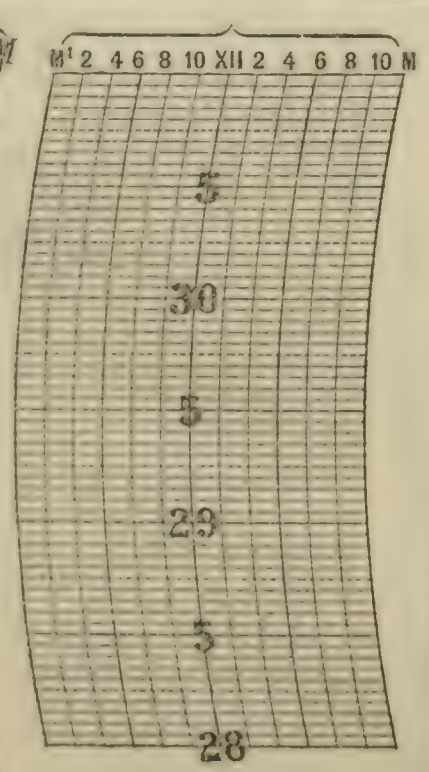
Relative humidity, ... a. m. ..... p. m.

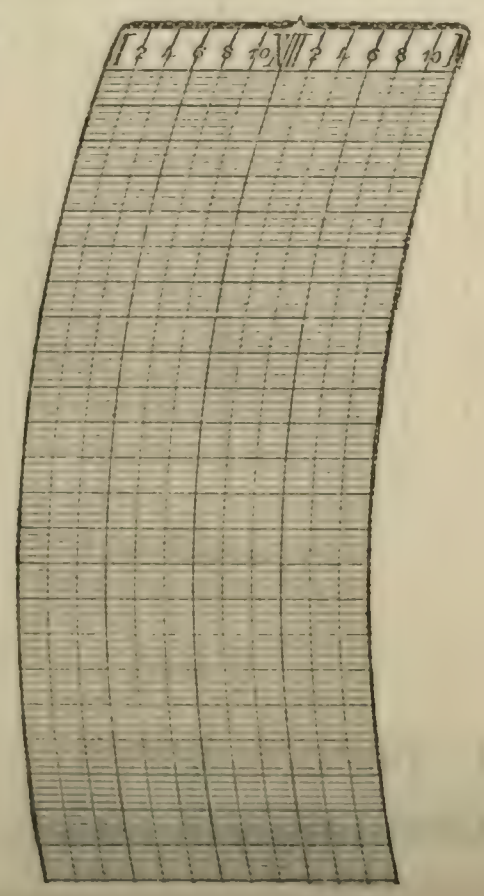
Reduced barometer, ... a. m. ..... p. m.

River gage, ...

NOTES.







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Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____mer.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles) direction and time																								

	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Average daily cloudiness (0-10) _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

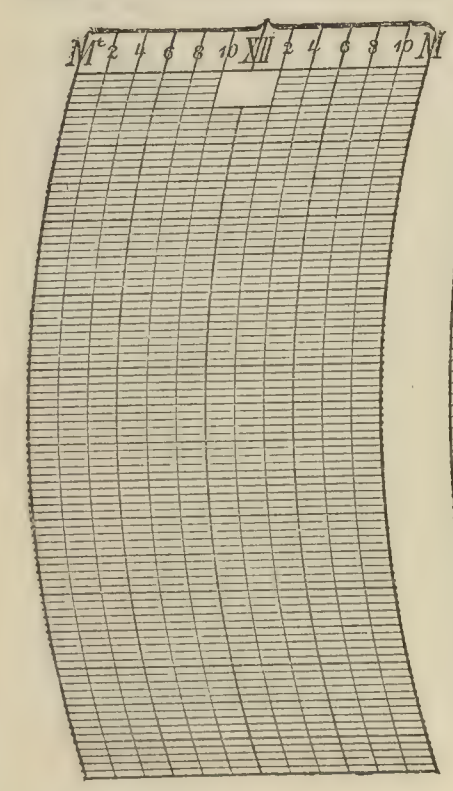
Maximum velocity, _____ Direction, _____ Time. _____

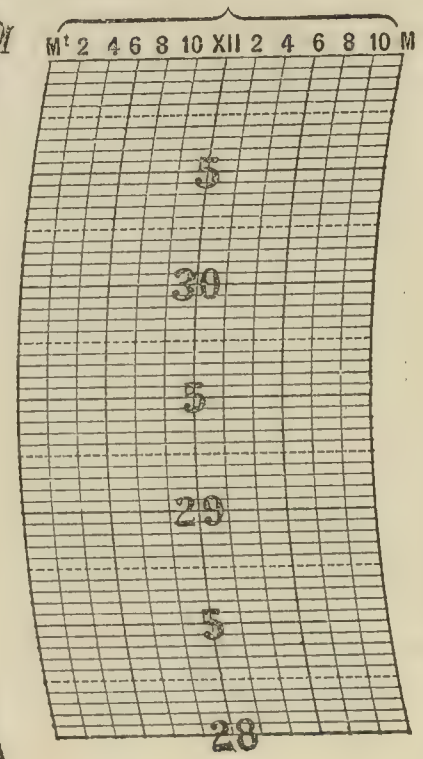
Relative humidity, _____ a. m. _____ p. m.

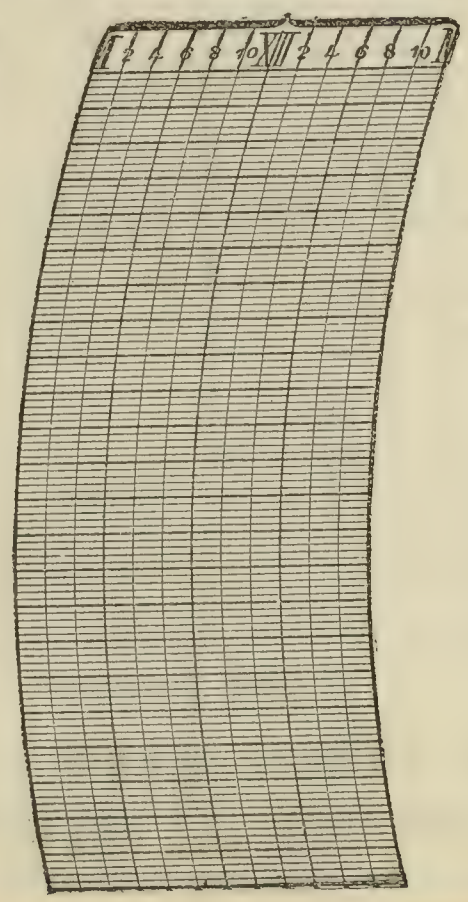
Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.







Prepared by

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8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____ mer.	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles) direction and time																								

_____ hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Average daily cloudiness (0-10) _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

Maximum velocity,	Direction,	Time.
_____	_____	_____

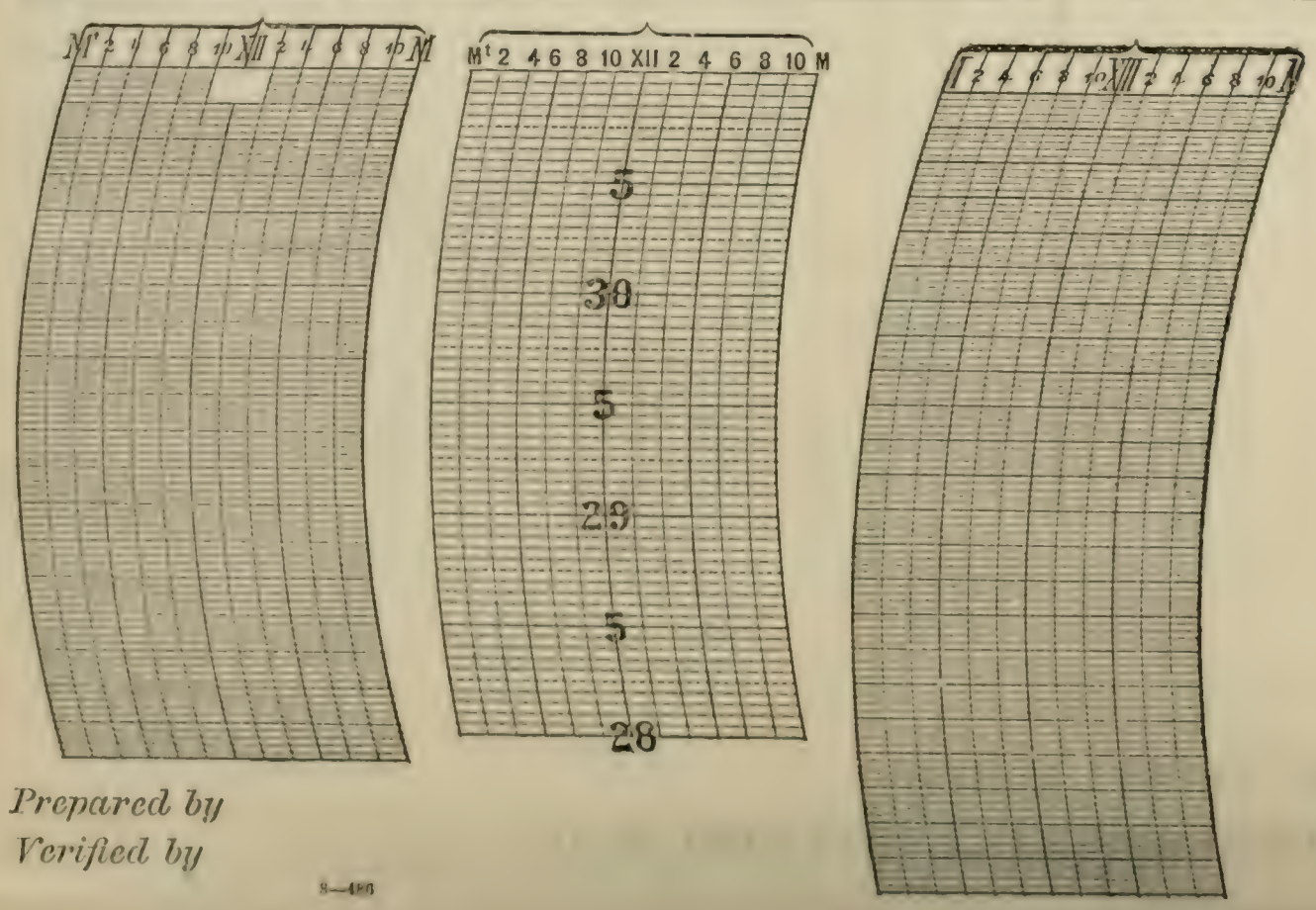
Relative humidity, _____ a. m. _____ p. m.

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

NOTES.



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Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____mer.	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
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Maximum velocities (exceeding ____ miles) direction and time																								

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10) ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

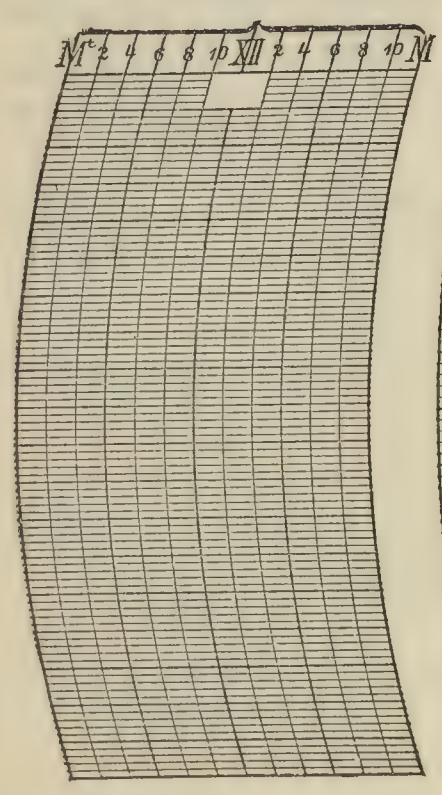
Maximum velocity,	Direction,	Time.
____	____	____

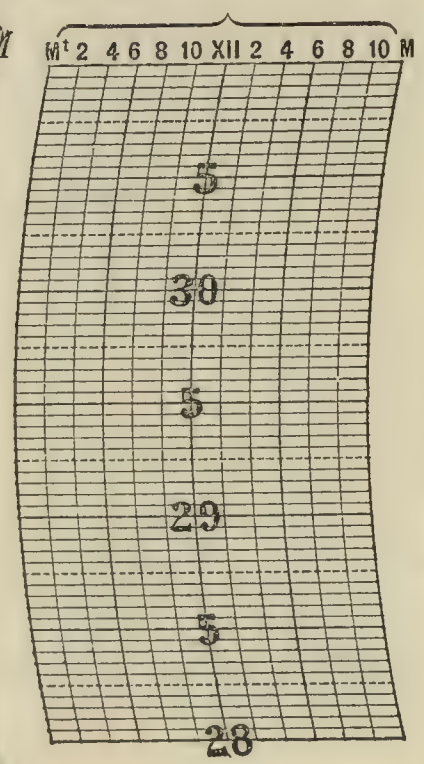
Relative humidity, ____ a. m. ____ p. m.

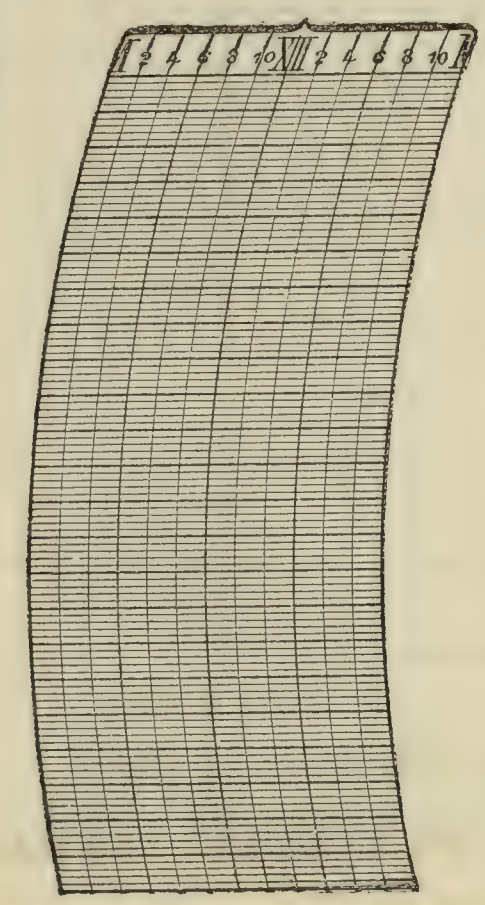
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







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8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) ....., *(Day of week)* ....., *(Date)* ....., *191*

Time (local standard), ... mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ... Character, ...																				Sunset: Time, ... Character, ...			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ..... miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

..... hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ..... p. m., ... inches.

Snow on ground ..... p. m., ... inches.

Total snowfall, midnight to midnight, ... inches.

Precipitation to ..... a. m., ... ins.; to ..... p. m., ... ins.

Total precipitation, midnight to midnight, ... inches.

Character of day, ... Moon phase, ...

Average daily cloudiness (0-10) .....

Actual sunshine, hours, ...

Possible sunshine, hours, ...

Percentage of possible sunshine, ...

Prevailing direction .....

Total movement, ...

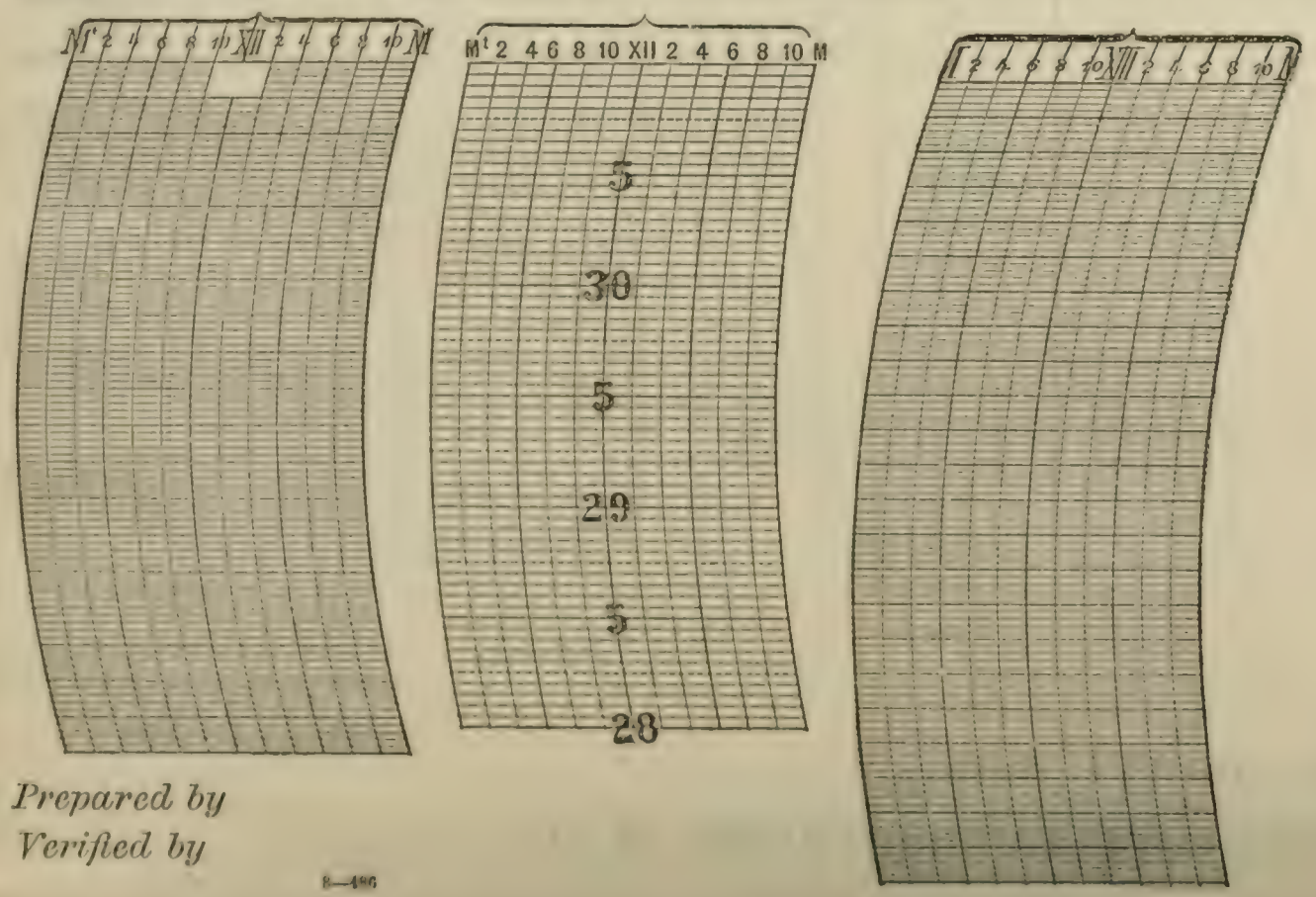
Average hourly velocity, ...

Maximum velocity,	Direction.	Time.
.....	.....	.....

Relative humidity, ... a. m. ..... p. m.

Reduced barometer, ... a. m. ..... p. m.

River gage, ...



NOTES.

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8—496

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
State of weather. Amounts of precipitation																								
State of weather. Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
						Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
Excessive precipitation, accumulated amounts																			

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10) ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

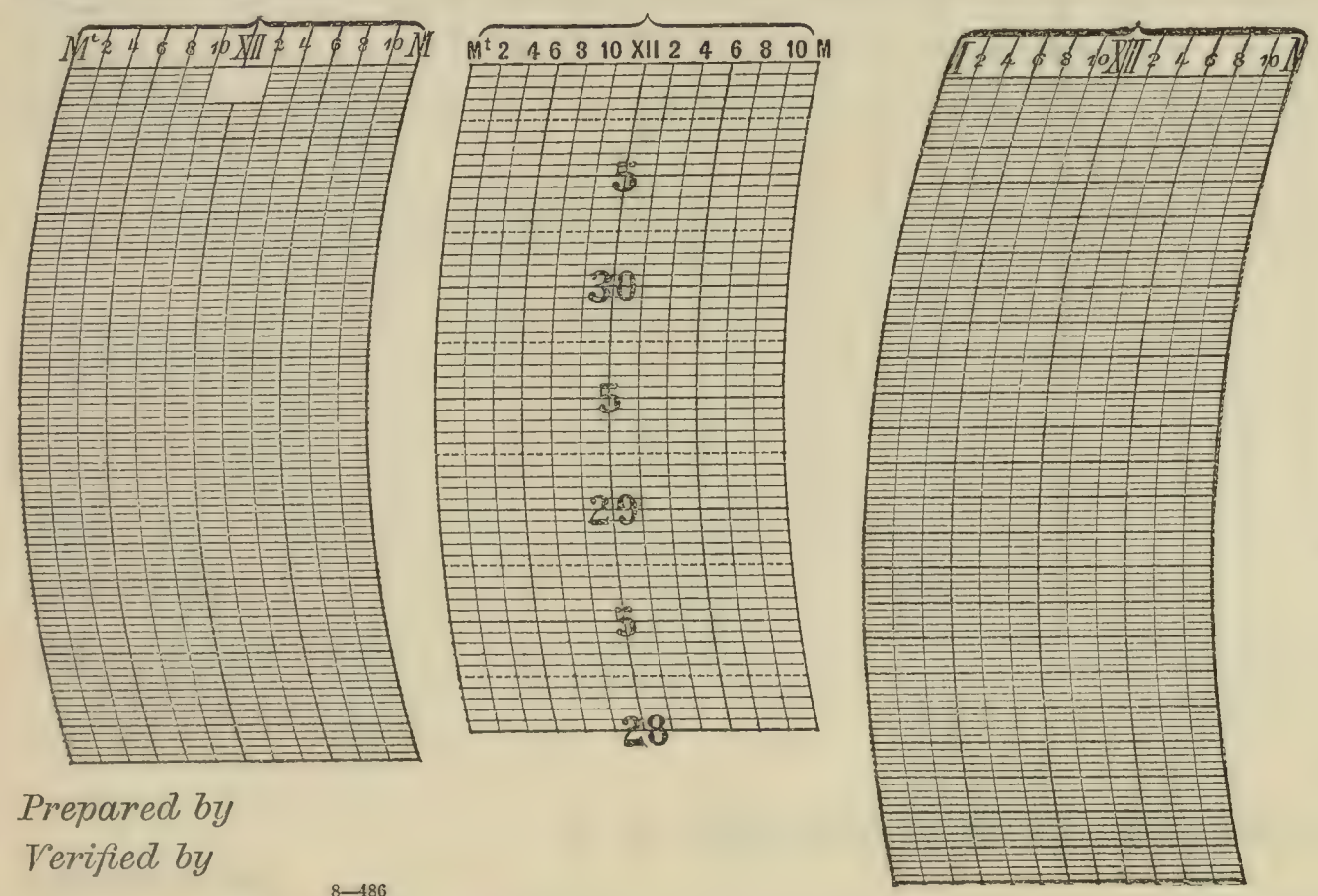
Maximum velocity,	Direction,	Time.
____	____	____

Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.



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8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) ....., *(Day of week)* ....., *(Date)* ....., 191

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

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Maximum.	Minimum.	Mean.	Normal.

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Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10) ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

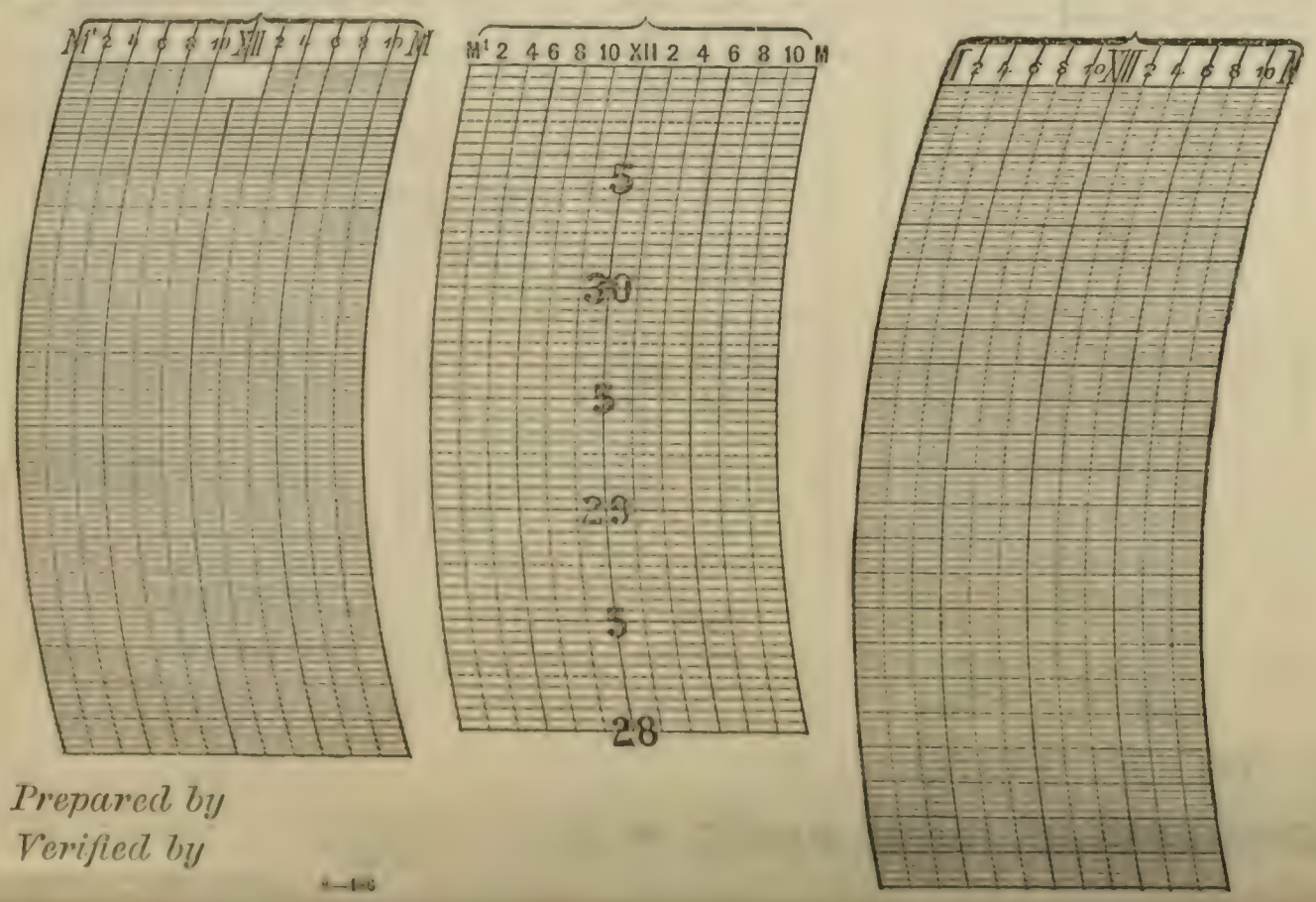
Maximum velocity,	Direction,	Time.

Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.



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Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
State of weather. Amounts of precipitation																								
State of weather. Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10) ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

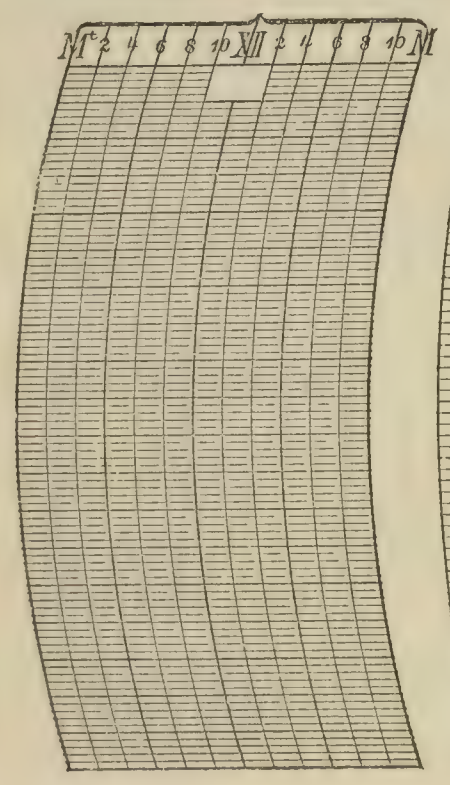
Maximum velocity,	Direction,	Time.
____	____	____

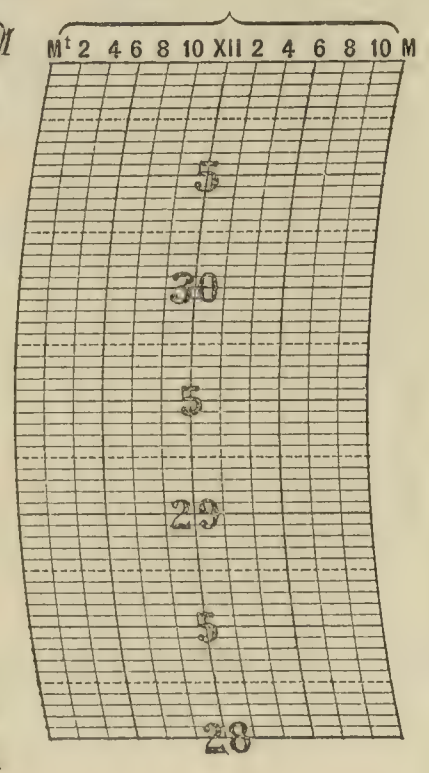
Relative humidity, ____ a. m. ____ p. m.

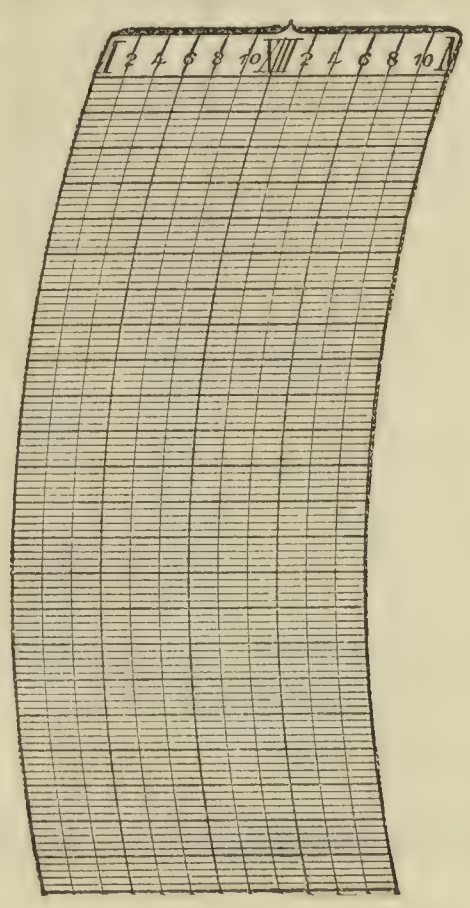
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







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8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) ....., *(Day of week)* ....., *(Date)* ....., *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation																								
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	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

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	Maximum.	Minimum.	Mean.	Normal.
Temperature				

Total depth of snow for 24 hours ending ..... p. m., ... inches.

Snow on ground ..... p. m., ... inches.

Total snowfall, midnight to midnight, ... inches.

Precipitation to ..... a. m., ... ins.; to ..... p. m., ... ins.

Total precipitation, midnight to midnight, ... inches.

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Actual sunshine, hours, ...

Possible sunshine, hours, ...

Percentage of possible sunshine, ...

Prevailing direction .....

Total movement, ...

Average hourly velocity, ...

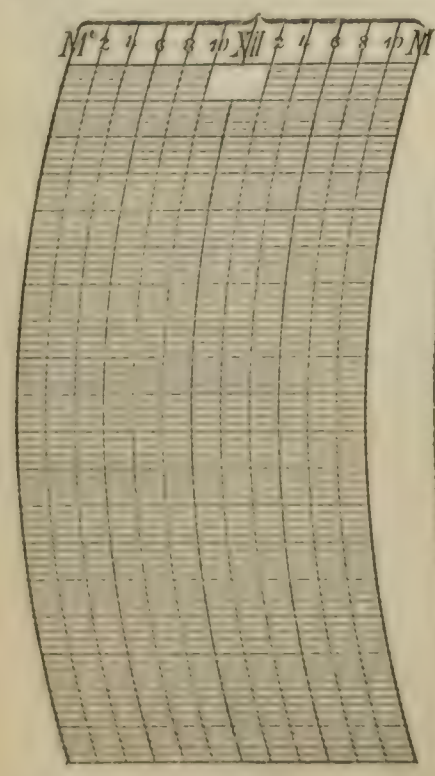
Maximum velocity,	Direction,	Time.
.....	.....	.....

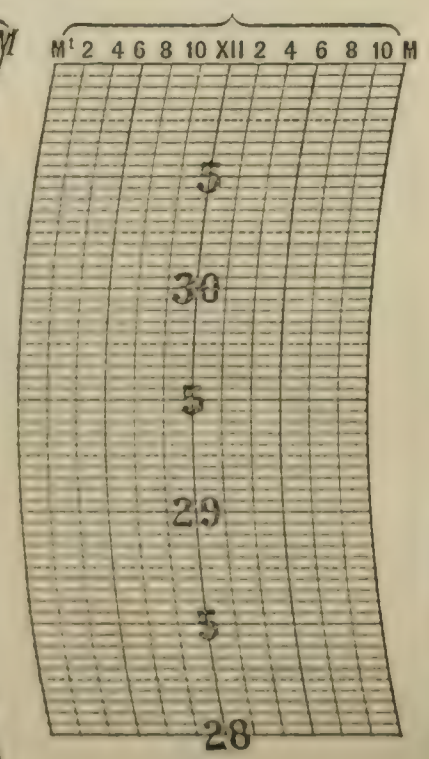
Relative humidity, ... a. m. ..... p. m.

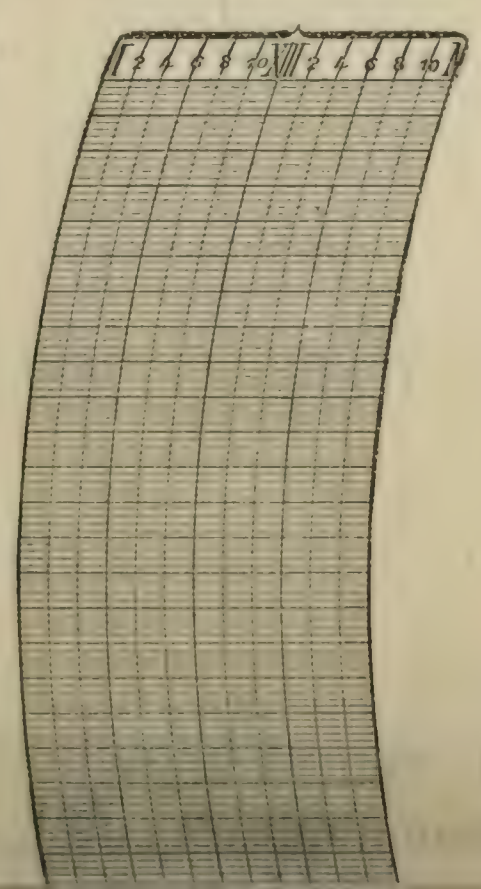
Reduced barometer, ... a. m. ..... p. m.

River gage, ...

NOTES.







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SUBJECTS.	JANUARY.	FEBRUARY.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPTEMBER.	OCTOBER.	NOVEMBER.	DECEMBER.
Auroras												
Clouds, special formation												
Cold waves	15-19-24	2-8-27	20									12
Dew, heavy deposits of								3	18-22-29			
Droughts								20 to 14			14 to 30	
Earthquakes	2											
Fires, forest												
Fog, light		14-16-17-18		13			12-22	15-17	18-23-24-30	4-11-14-16-24-25-26	7-15	
Dense		17-18		13			22	15		4-14-16-24-26	15	
Floods, other than in rivers												
Frosts, light				23-30	13-14	8"			26-27	1-13		
Heavy									30	14-16		
Killing				19						23		
First killing after July 15										23		
Last killing before July 15				19								
Last heavy before July 15												
First heavy after July 15												
Hail. *See* Precipitation											28	1-11-16-23-30
Ice	1-8-15-22-29	5-12-19-26	4-11-18-22-29									
Lightning, damage by					27	3	1					
Deaths by												
Meteors												
Navigation, opening				7								
Closing												1
Impeded												
Observations, not taken												
Taken late												
Special	16	26	20-28	17-28				19		11-31		4-19
Optical phenomena, haze						29-30						
Coronæ					21						19	
Halo, lunar	5	2-4-28		27						28	25	
Solar		4-22	4-16			10						
Parhelia		4										
Parselenæ		4										
Rainbows					6							
Sunrise, peculiar												
Sunset, peculiar												15-20-25-28
Zodiacal light												
Precipitation, rain, light	17-	1·16·18·24	20-	1·2·6·9·13·14·17·21·22·25·26·29·	1·4·5·6·8·13·15·16·20·21·23·24·26·28	1·2·3·4·5·15·16·18·19·20·28·29·30·	2·3·6·7·10·12·13·18·19·20·21·23·25·30	1·6·7·8·9·10·12·13·15·16·19·20·22·28	13·14·16·17·18·20·24·	3·7·10·18·22·29	1-5-6-12-	1·2·3·4·5·6·17·
Heavy				23	2·11·12·27	13·14·	1·			8·11·21·31		

ENTER DATES, NOT PAGES.

INDEX, DAILY LOCAL RECORD, 191

SUBJECTS.	JANUARY.	FEBRUARY.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPTEMBER.	OCTOBER.	NOVEMBER.	DECEMBER.
Precipitation, rain—Continued.												
Excessive					27	16	17	19	15	11		
Showers, light												
Heavy												3
Sleet	17-22	1-3-4-5-6-7-12-13	20-23	17							1-24	2-8-18-19-20-21-27
Snow, light	2-3-4-6-8-10-11-14-18-20-23-26-27-28-29-30-31	14-21-25	2-3-4-7-8 20-21 11-12	18								
Heavy	~~1-2-3-4-6-8-10-11-14-18-20-23-26-27-28-29-30-31~~	26	14-15	17								
Hail									1-[illegible]	8 to 11 inc		
Wet periods												
Rivers, rapid rise			18									
Flood stages			18 to 31 inc	1 to 30 inc	1 to 28 inc							
Low-water stages, unusual												15 & 16, 24 to 26 inc
High water, periods of					29 to 31 inc	1 to 9 inc						
Frozen	1 to 31 inc	1 to 29 inc	1 to 18 inc									
Floating débris												
Gorges	7-		22-29									16-23
Running ice			18									
Warnings. *See* Warnings											2-9-[illegible]	24
Smoke, light	16-22					25 & 28	14-27	5	23			
Dense									1-4-5-6-8-9-10-26-27-[illegible]	5-6		1-2-3
Temperature, unusually high	5-6-7-11-12-13-16	3-4	1-2-3-4-5-6-9-10-16-22		23	8	5	31 3 4				
Unusually low					17.		7.					
Sudden rise					6-11-15-19-20-26-27.	1-3-20-27-30.	1-6-7-20-30.	18.				
Sudden fall			31	6 4 to 6 inc	3 to 7 inc			24 & 25 30 & 31	1 to 10 inc	5 & 6	10 to 12 inc 19 & 20	1 to 4-14 to 17-23 to 31 inc
Periods of high	1 to 16 inc 19 & 20	17-18 2 to 10 inc 26 to 29 inc	1 to 16 inc 20 to 25 inc	17 to 19	20 to 23 inc 12 to 16 inc	7 & 8 17 to 19 inc	5 to 9 inc 16 to 19 inc	1 to 5 inc	26 to 30 inc			
Periods of low				6 2	1-2-4-5-6-11-13-20-23-24-26-27-28.	1-3-13-14-15-20-27-29-30	1-6-7-10-20-21-28-30	9-12-13-18-19-20	2-6-15-19-20-21-24			
Thunderstorms												
Tornadoes												
Warnings, advisory												8-10
Cold wave	15-18-27.		19									
Inland storm												
Emergency				15-18-22-23-27-29.	13-16				26-27-29.	7-12-13-14-15-19-21-2[illegible]		
Frost												
Hurricane												
Rapid rise in river												
Flood												
Winds, 25 to 39 miles per hour	4-5-	1-2-[illegible]	17-20-24	5-6-7-9-14-15-17-21-26-[illegible]	2-5-6-8-11-12-18-22-23-27-28.	2		24		11-12	3-4-8-11 2-[illegible]	1-2 5-6-10-15
40 miles per hour, or over												
Hurricanes												

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